

Genie®

Parts Manual

Refer to inside cover for additional serial number information

Part No. 89721
Rev D
October 2006

S™-40
S™-45

(from serial number 7001)

Technical Publications

Genie Industries has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Serial Number Information

Genie Industries offers the following Parts Manuals for these models:

Title	Part No.
Genie S-40 Parts Manual (before serial number 831)	32223
Genie S-40 and S-45 Parts Manual (from serial number 831 to 7000)	52090

Contact Us:

www.genieindustries.com
e-mail: techsup@genieind.com

89721 Rev D October 2006
Third Edition, Fourth Printing

Printed on recycled paper

Printed in U.S.A.

How To Read Your Serial Number

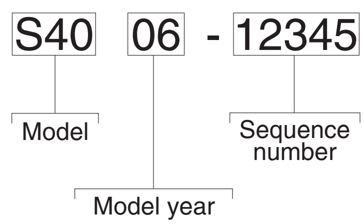
A TEREX COMPANY

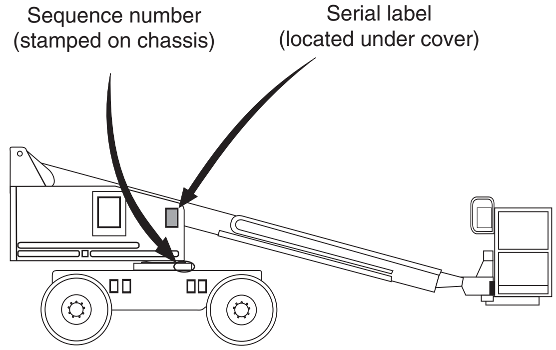
Model: S-40
Serial number: S4006-12345
Model year: 2006 **Manufacture date:** 01/05/06
Electrical schematic number: ES0274
Machine unladen weight:

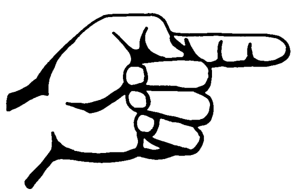
Rated work load (including occupants): 500 lb / 227 kg
Maximum number of platfrm occupants: 2
Maximum allowable side force : 150 lb / 670 N
Maximum allowable inclination of the chassis:
0 deg
Maximum wind speed : 28 mph/ 12.5 m/s
Maximum platform height : 60 ft 6 in/ 18.3 m
Maximum platform reach : 34 ft 3 in/ 10.4 m
Gradeability: N/A
Country of manufacture: USA
This machine complies with:
ANSI A92.5
CAN B.354.4

Genie Industries
18340 NE 76th Street
Redmond, WA 98052
USA

PN - 77055







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This manual is updated frequently. Each parts figure listed below has a figure number and a revision letter. If a figure is updated with new information, the revision letter or 'Rev' is updated (example: from Rev A to Rev B).

Figure	Rev	Description
101.1	B	Decals

If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website at www.genieindustries.com.

Electronic Version

Click on the figure description below to view the figure.

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Parts Stocking List

Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie S-40 and S-45 Service Manual.*

Perkins 704-30 Models (before serial number 7472):

Description	Part No.
Air Filter Element	62420
Fuel Filter Element	62421
Fuel/water Separator Filter	65853
Engine Oil Filter	62422
V-Belt	62423

Perkins 404-22 Models (after serial number 7471):

Description	Part No.
Air Filter Element	62420
Fuel Filter Element	62421
Fuel/water Separator Element	62433
Engine Oil Filter	94762
V-Belt	89765

Deutz F3L-1011F Models (before serial number 7544):

Description	Part No.
Air Filter Element	62420
Fuel/water Separator Filter	29560
Engine Oil Filter	49924
V-Belt	32698

Deutz F3L-2011 Models (after serial number 7543):

Description	Part No.
Air Filter Element	62420
In-line Fuel Strainer	70496
Fuel/water Separator Filter	29560
Engine Oil Filter	49924
V-Belt	32698

Ford LRG-425 Models (before serial number 7597):

Description	Part No.
Fuel Pre-Filter	52179
Fuel Pressure Regulator Filter	58967
Engine Oil Filter	28656
Air Filter Element	62420
Serpentine Belt	52580
PCV Valve	33957
Spark Plug	28647

Ford LRG-425 Models (from serial number 7597 to 11066):

Description	Part No.
Fuel Pre-Filter	52179
Fuel Pressure Regulator Filter	58967
Engine Oil Filter	28656
Air Filter Element	77295
Serpentine Belt	52580
PCV Valve	33957
Spark Plug (pack of 4)	106490

Ford DSG-423 EFI Models (after serial number 11066):

Description	Part No.
Fuel Pre-Filter	52761
Fuel Pressure Regulator Filter	119491
Engine Oil Filter	119139
Air Filter Element	77295
Serpentine Belt	119138
PCV Valve	119474
Spark Plug	119467
Spark Plug (pack of 4)	119495

Recommended Parts

Genie Gray Paint, 12 Ounce / 355ml Aerosol	1268
Genie Blue Paint, 12 Ounce / 355ml Aerosol	1484
Genie Blue Paint, 1 gallon / 3.78 liters	32150
Genie Gray Paint, 1 gallon / 3.78 liters	32151

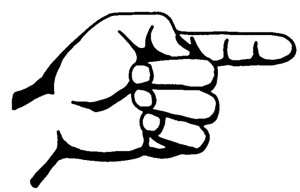
Parts Stocking List continues on the next page.

Parts Stocking List

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie S-40, S-45 Operator's Manual (before serial number 7190)	43645
Genie S-40, S-45 Operator's Manual (from serial number 7190 to 9752)	82500
Genie S-40, S-45 Operator's Manual (after serial number 9752)	1000056
Genie S-40 Service Manual (before serial number 3804)	32222
Genie S-40 Service Manual (from serial number 3804 to 4728)	52271
Genie S-40, S-45 Service Manual (from serial number 4728 to 7000)	72136
Genie S-40, S-45 Service Manual (from serial number 7001)	102521
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779



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How To Order Parts

Please be prepared with the following information when ordering replacement parts for your Genie product:

- ☑ Machine model number
- ☑ Machine serial number
- ☑ Genie part number
- ☑ Part description and quantity
- ☑ Purchase order number
- ☑ "Ship to" address
- ☑ Desired method of shipment
- ☑ Name and telephone number of the authorized Genie Distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

Genie North America
Telephone (425) 556-6551
Toll Free (877) 367-5606 in U.S.A. and Canada
Fax (425) 556-8659

Genie UK
Parts Telephone (44) (0) 1476 584352
Parts Fax (44) (0) 1476 584340

Genie Australia
Parts Telephone (617) 03375 1660
Parts Fax (617) 03375 1002

Genie France
Parts Telephone (33) (0) 237 26 09 99
Parts Fax (33) (0) 237 31 50 10

Genie Germany
Parts Telephone (49) (0) 4202 885223
Parts Fax (49) (0) 4202 885225

Genie Scandinavia
Parts Telephone (46) (31) 3409612
Parts Fax (46) (31) 3409613

Genie Iberica
Parts Telephone (34) (93) 5795042

Genie Brazil
Parts Telephone (55) (114) 1665755
Parts Fax (55) (114) 1665754

Genie Japan
Parts Telephone (81) (33) 4536082
Parts Fax (81) (33) 4536083

Genie China
Parts Telephone (86) (215) 3852570
Parts Fax (86) (215) 3852569

Genie
A TEREX COMPANY

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date ____________________ Account Number ____________________

Your Name ____________________ Your Fax Number ____________________

____________________ Your Phone Number ____________________

Bill To ____________________ Ship To ____________________

____________________ ____________________

____________________ ____________________

____________________ ____________________

Purchase Order Number ____________________ Ship Via ____________________

Model(s) ____________________ **Serial No.(s)** ____________________

Optional Equipment ____________________

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

For Genie Industries Use Only

Order Number ____________ Origin Code ____________ Comments ____________

Date Scheduled ____________ Ship Condition ____________ ____________

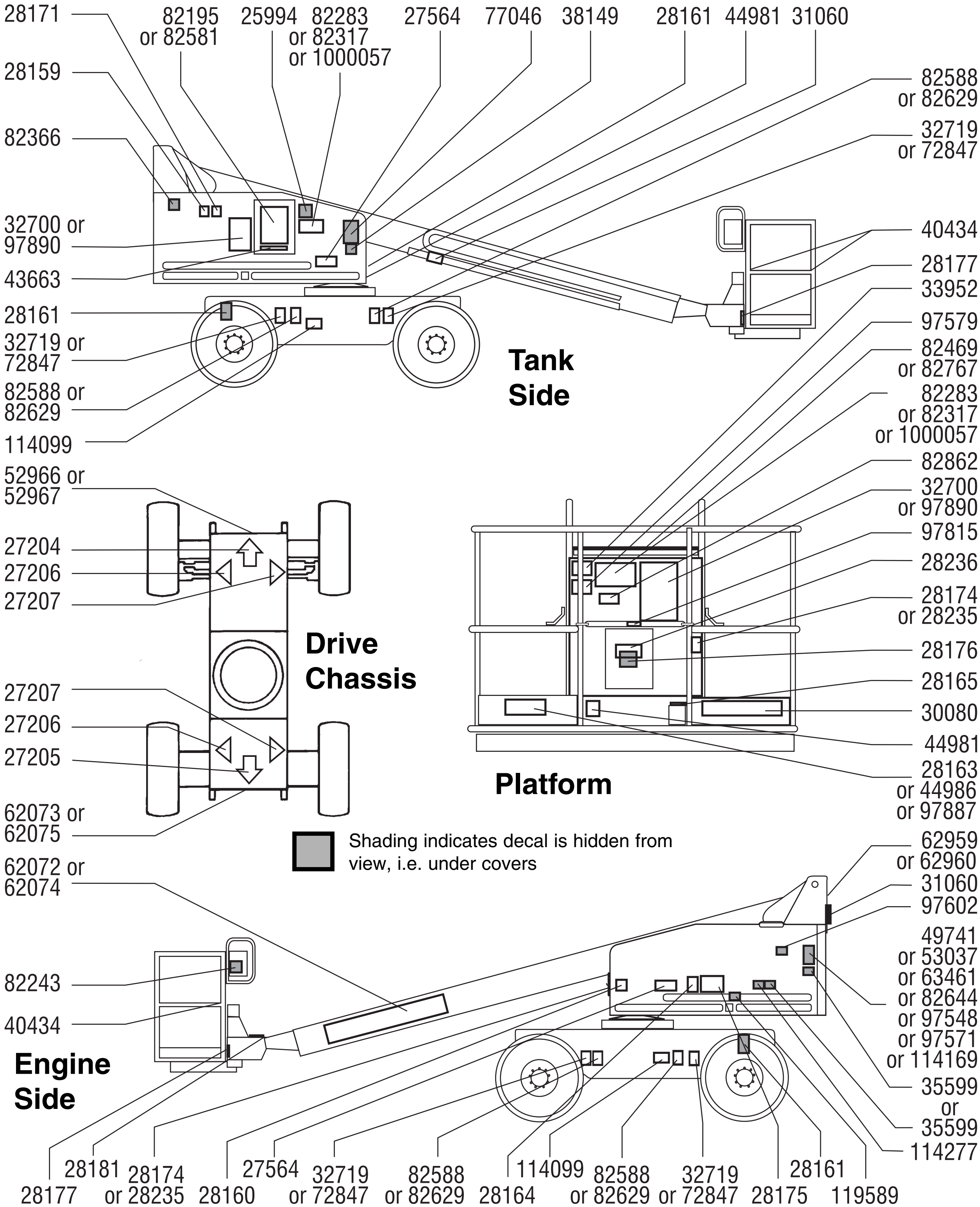
Order Total ____________ Terms Code ____________ ____________

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Parts Figures

Figure	Rev	Description
101.1	F	Decals with Words

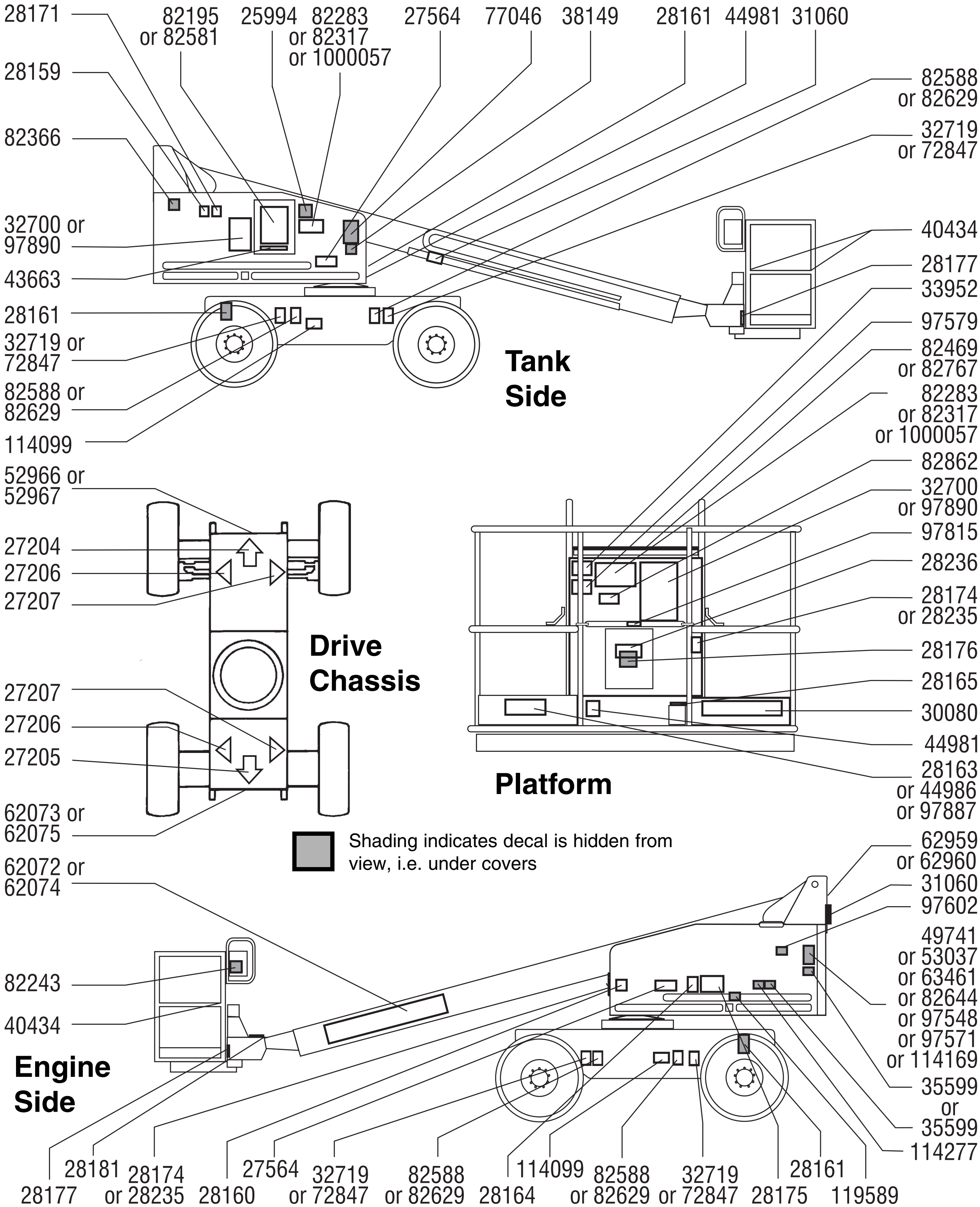


101.1
Decals with Words Rev F

Item	Part No.	Description	Qty.
—	89834	Decal Kit - Safety/Instructional (Gasoline/LPG models) (includes items 2-7, 9, 10, 12-14, 16-19, 21-26, 29, 30, 44-47, 51 and 57) (before serial number 7182)	
—	89835	Decal Kit - Safety/Instructional (Diesel models) (includes items 2-6, 8, 10, 12-14, 16-19, 21-30, 44-47, 51 and 57) (before serial number 7182)	
—	102150	Decal Kit - Safety/Instructional (includes items 1-5, 7-10, 12-14, 16-19, 21-30, 36, 43-49, and 51) (from serial number 7182 to 9752)	
—	111322	Decal Kit - Safety/Instructional (includes items 1-5, 7-10, 12-14, 16-19, 21-30, 36, 43-49, and 51) (after serial number 9752)	
1	25994	Caution - Component Damage, Hydraulic Valves	1
2	27204	Arrow - Blue	1
3	27205	Arrow - Yellow	1
4	27206	Triangle - Blue	2
5	27207	Triangle - Yellow	2
6	27564	Danger - Electrocution Hazard	2
7	28158	Label - Unleaded	1
8	28159	Label - Diesel	1
9	28160	Label - Liquid Petroleum Gas	2
10	28161	Warning - Crushing Hazard	3
11	28163	Notice - Max Side Force, 150 lbs / 667 N (before serial number 9753)	1
—	97887	Notice - Max Side Force, 150 lbs / 667 N (after serial number 9752)	
12	28164	Notice - Hazardous Materials	1
13	28165	Notice - Foot Switch	1
14	28171	Label - No Smoking	1
15	28174	Label - Power to Platform, 230V AC	2
16	28175	Caution - Compartment Access	1
17	28176	Notice - Missing Manuals	1
18	28177	Warning - Platform Rotate	2
19	28181	Warning - No Step or Ride	1
20	28235	Label - Power to Platform, 115V AC	2
21	28236	Warning - Failure To Read	1
22	30080	Notice - Max Capacity, 500 lbs / 227 kg	1
23	31060	Danger - Tip-over Hazard, Interlock	3
24	32700	Danger - General Safety (before serial number 9753)	2
—	97890	Danger - General Safety (after serial number 9752)	
25	32719	Notice - Tire Specifications	4
26	33952	Danger - Tilt-Alarm	1
27	35599	Notice - Align Air Hoses	1
28	38149	Label - Patents	1
29	40434	Label - Lanyard Anchorage	3
30	43663	Notice - Function Enable (before serial number 7181)	1
31	44981	Label - Air Line to Platform	2
32	49741	Notice - Engine Specifications, Ford LRG-425 EFI (before serial number 7597)	1
—	97571	Notice - Engine Specifications, Ford LRG-425 EFI (from serial number 7597 to 11066)	
—	114169	Notice - Engine Specifications, Ford DSG-423 EFI (after serial number 11066)	
33	44986	Notice - Max Side Force, 90 lbs / 400 N, Wind Speed 28 m/sec, Australia Models (European models before serial number 9753)	1

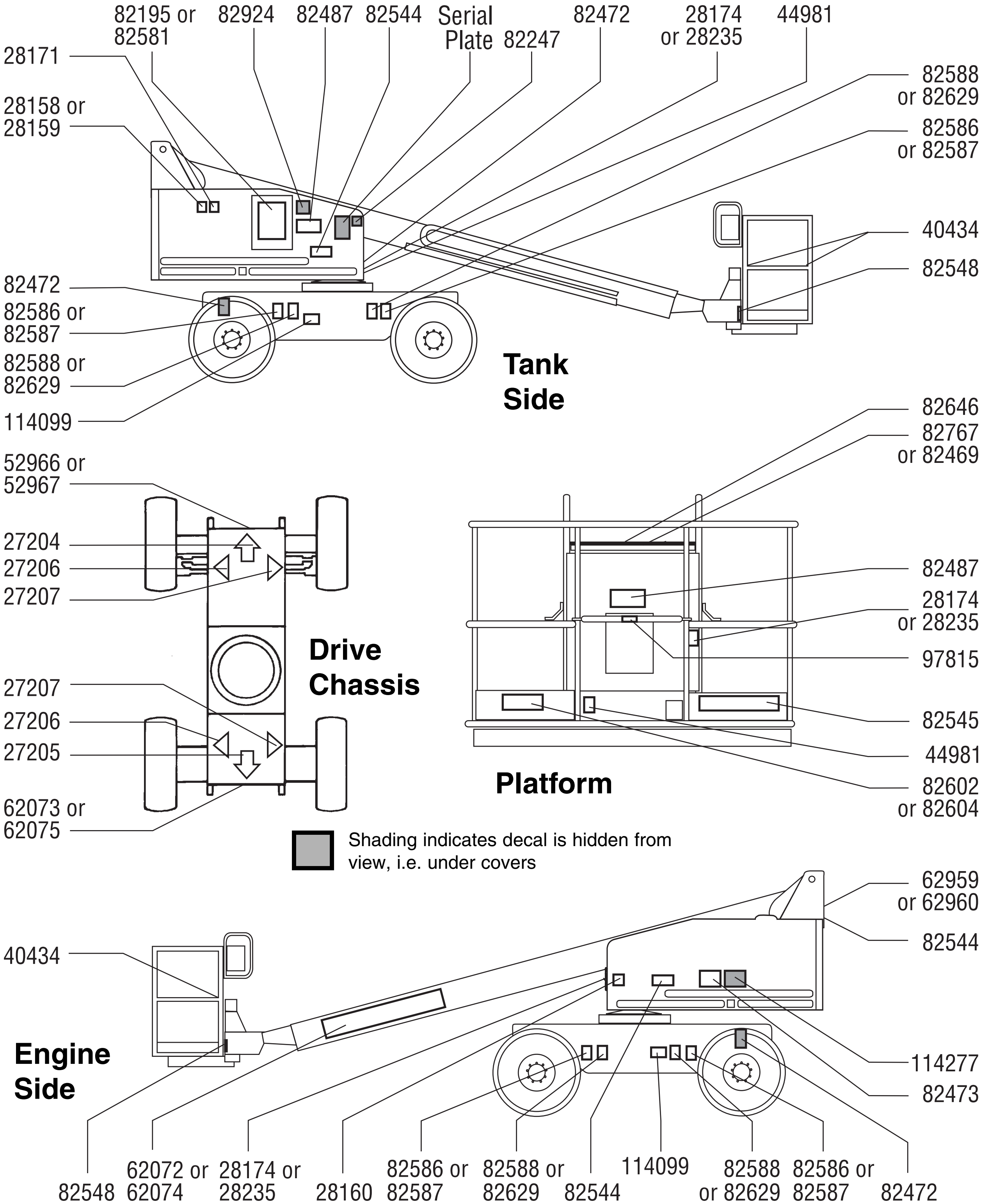
This list continues on the next page.

Figure	Rev	Description
101.1	F	Decals with Words



Item	Part No.	Description	Qty.
34	52966	Cosmetic, 4 x 2	1
35	52967	Cosmetic, 4 x 4	1
36	53037	Notice - Engine Specifications, Deutz F3L 1011 (before serial number 7544)	1
—	97548	Notice - Engine Specifications, Deutz F3L 2011 (after serial number 7543)	
37	62074	Cosmetic - Genie S-45	1
38	62072	Cosmetic - Genie S-40	1
39	62073	Cosmetic - S-40	1
40	62075	Cosmetic - S-45	1
41	62959	Cosmetic - S-40	1
42	62960	Cosmetic - S-45	1
43	63461	Notice - Engine Specifications, Perkins 704-30 (before serial number 7472)	1
—	82644	Notice - Engine Specifications, Perkins 404C-22 (after serial number 7471)	
44	82243	Label - Fault Codes	1
45	82317	Notice - Operating Instructions (before serial number 7182)	2
—	82283	Notice - Operating Instructions (from serial number 7182 to 9752)	
—	1000057	Notice - Operating Instructions (from serial number 9753)	
46	82366	Label - Chevron Rykon	1
47	82195	Ground Control Panel (before serial number 7182)	1
—	82581	Ground Control Panel (after serial number 7181)	
48	82588	Label - Wheel Load (S-40)	4
49	82629	Label - Wheel Load (S-45)	4
50	77046	Label - Serial Number	1
51	82469	Platform Control Panel (before serial number 7182)	1
—	89836	Clear Protector	
—	82242	Label - Fuel Select, Patch (Ford models)	
—	82767	Platform Control Panel (after serial number 7181)	
—	89836	Clear Protector	
52	114277	Label - Belt Routing (Ford models)	1
53	119589	Caution - 12V Electrical, Ford DSG-423 models (after serial number 11066)	1
54	114099	Label - Transport Diagram	2
55	82862	Label - Fire Extinguisher (welder option)	1
56	97579	Danger - Tip-over Hazard (welder option)	1
57	72847	Notice - Tire Specifications, High Flotation	4

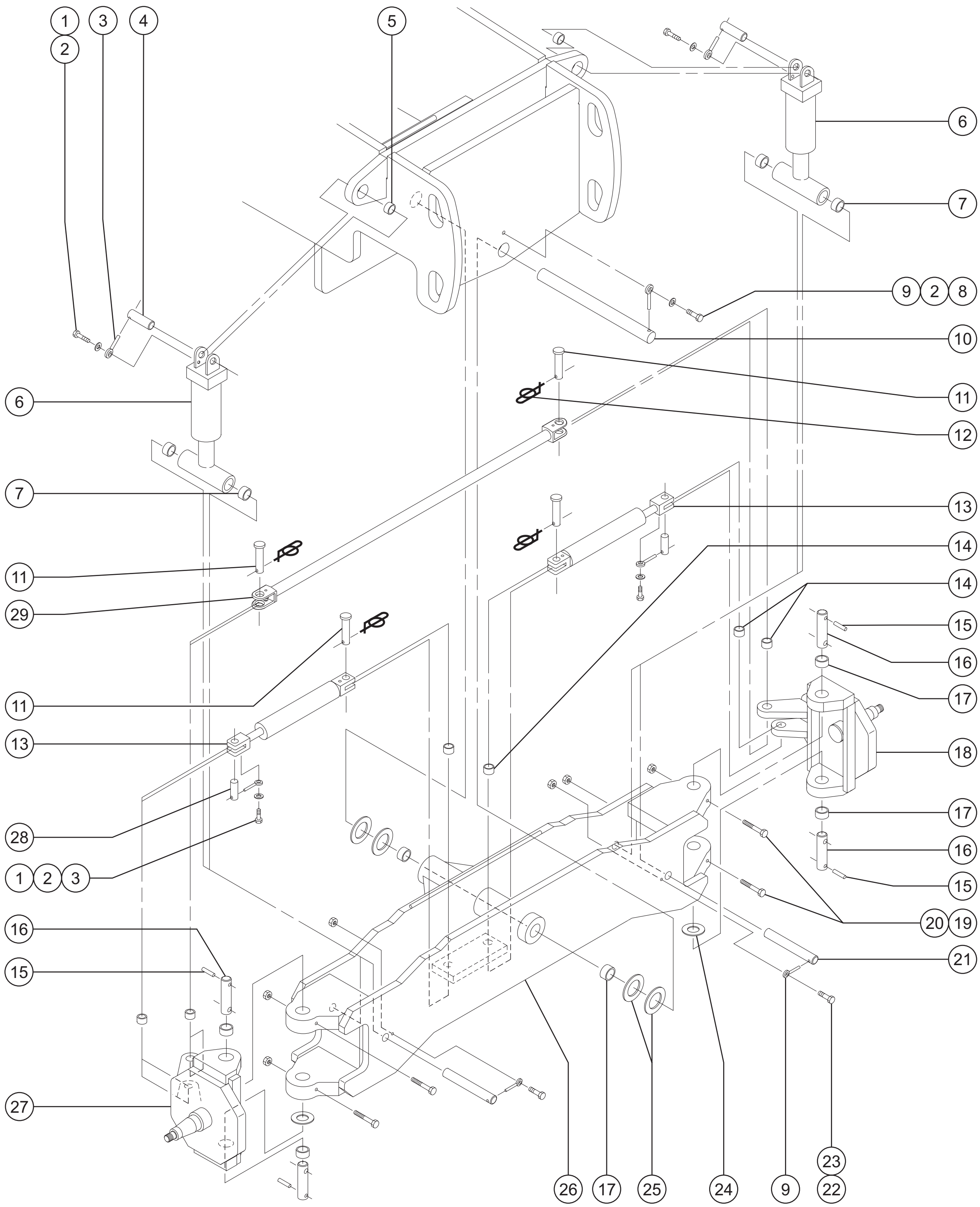
Figure	Rev	Description
102.1	F	Decals with Symbols



102.1
Decals with Symbols Rev F

Item	Part No.	Description	Qty.
—	102149	Decal Kit - Safety/Instructional (includes items 1-11, 24-30, 32 and 34-37)	
1	27204	Arrow - Blue	1
2	27205	Arrow - Yellow	1
3	27206	Triangle - Blue	2
4	27207	Triangle - Yellow	2
5	28158	Label - Unleaded	1
6	28159	Label - Diesel	1
7	28160	Label - Liquid Petroleum Gas	1
8	28171	Label - No Smoking	1
9	28174	Label - Power to Platform, 230V AC	2
10	28235	Label - Power to Platform, 115V AC	2
11	40434	Label - Lanyard Anchorage	3
12	44981	Label - Air Line to Platform	2
13	52966	Cosmetic, 4 x 2	1
14	52967	Cosmetic, 4 x 4	1
15	62072	Cosmetic, Genie S-40	1
16	62073	Cosmetic, S-40	1
17	62074	Cosmetic, Genie S-45	1
18	62075	Cosmetic, S-45	1
19	62959	Cosmetic, S-40	1
20	62960	Cosmetic, S-45	1
21	82602	Danger - Maximum Manual Force, 150 lbs / 667 N (USA / Canada models)	1
22	82604	Danger - Maximum Manual Force, 90 lbs / 400 N (European models)	1
23	82469	Platform Control Panel (before serial number 7182)	1
—	89836	Clear Protector	
—	82242	Label - Fuel Select, Patch (Ford models)	
24	82767	Platform Control Panel (after serial number 7181)	1
—	89836	Clear Protector	
25	82472	Warning - Crushing Hazard	3
26	82473	Caution - Compartment Access	1
27	82487	Label - Read the Manual	2
28	82544	Danger - Electrocution Hazard	3
29	82545	Danger - Maximum Load 500 lbs / 227 kg	1
30	82548	Warning - Platform Rotate	2
31	82195	Ground Control Panel (before serial number 7182)	1
—	82581	Ground Control Panel (after serial number 7181)	
32	82586	Label - Tire Pressure	4
33	82587	Label - Tire Pressure, Hi Flotation	4
34	82588	Label - Wheel Load (S-40)	4
35	82629	Label - Wheel Load (S-45)	4
36	82646	Label - Drive Enable Patch	1
37	82924	Caution - Component Damage, Hydraulic Valves	1
38	97815	Label - Lower Mid-rail	1
39	114099	Label - Transport Diagram	2
40	82247	Label - 107 dB	1
41	114277	Label - Belt Routing (Ford models)	1

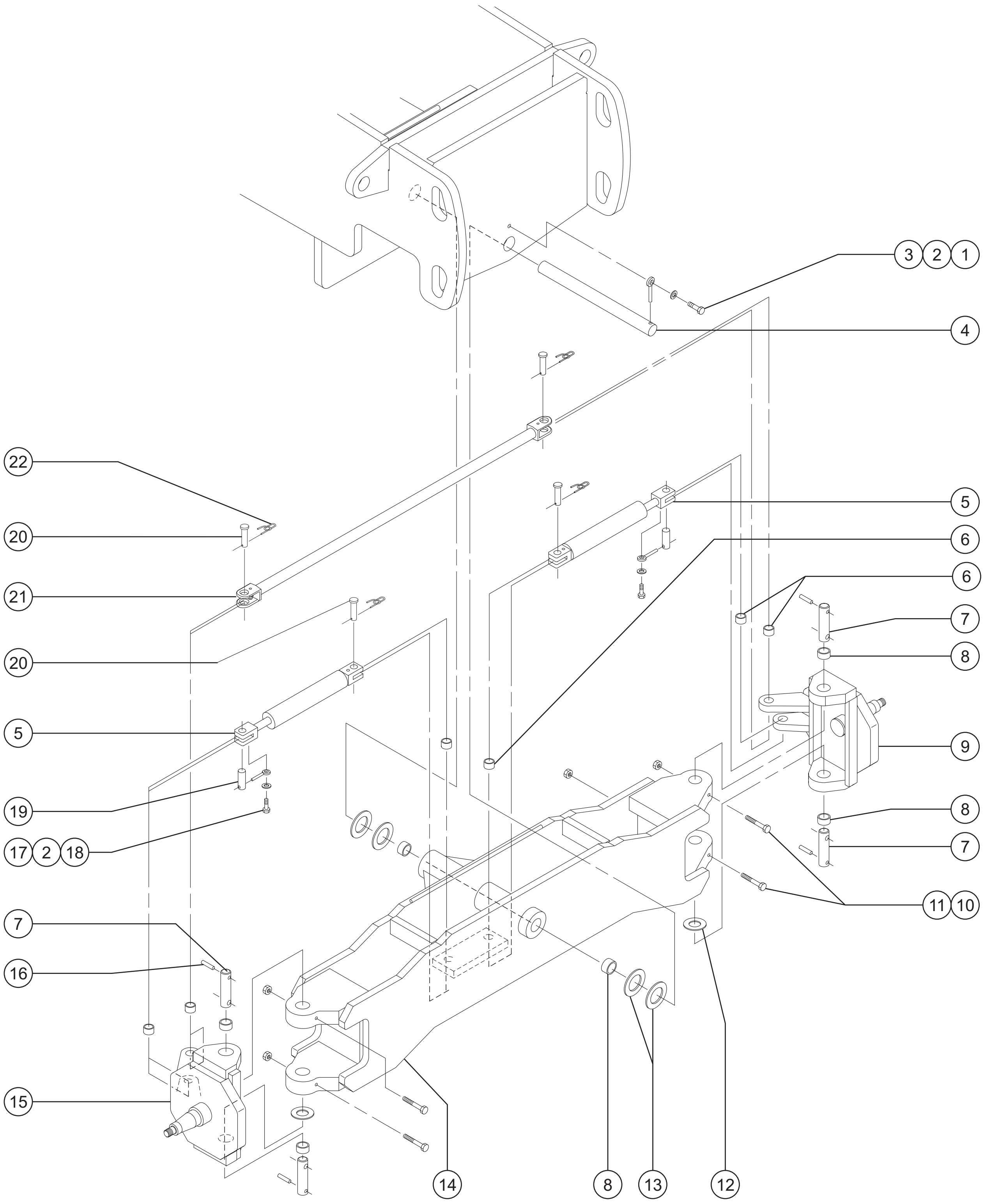
Figure	Rev	Description
201.1	B	2WD Steer Axle Linkage, Oscillating Models



201.1
2WD Steer Axle Linkage, Oscillating Models Rev B

Item	Part No.	Description	Qty
1	49857	Screw - HHC, 3/8 -16 x 0.875 inch, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	25284	Rod End, 0.375 x 2.25 inches	8
4	30737	Pivot Pin, 3 x 1.25 inches	2
5	30370	Bearing, 1.25 x 1.5 x 1 inch	2
6	89099	Oscillation Cylinder (includes item 7)	2
—	89100	Seal Kit	
—	31106	Counterbalance Valve, 3000 psi / 206 bar	
7	59266	Bearing, 1.25 x 1.5 x 0.75 inch	4
8	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
9	45226	Rod End, 0.375 x 3.69 inches	3
10	30735	Pivot Pin, 17.5 x 1.5 inches	1
11	19440	Clevis Pin, 1 x 2.5 inches	4
12	74389	Rue Ring, 1.25 x 15.13 inches	4
13	89065	Steer Cylinder	2
—	89066	Seal Kit	
14	25817	Bearing, 1 x 1.25 x 1 inch	6
15	14815	Roll Pin, 0.25 x 2.25 inches	4
16	53081	Pivot Pin, 4.63 x 1.5 inches	4
17	45071	Bearing, 1.5 x 1.75 x 1.5 inches	6
18	65515	Yoke Assembly - Left Side (includes items 14 and 17)	1
19	8220	Screw - HHC, 1/2 -13 x 4 inches, GR 5	
20	6086	Low Profile Nylock Nut, 1/2 -13	
21	30190	Pivot Pin, 7.25 x 1.25 inches	2
22	6708	Screw - HHC, 3/8 -16 x 2.25 inches, GR 5	
23	4828	Nylock Nut, 3/8 -16	
24	45074	Thrust Washer, 1.51 x 3.5 x 0.187 inch	2
25	36603	Flat Washer, 1.56 x 3.5 x 0.057 inch	as needed
26	89805	Steer Axle Assembly (includes items 14 and 17)	1
27	65516	Yoke Assembly - Right Side (includes items 14 and 17)	1
28	30734	Pivot Pin, 2.88 x 1 inch	2
29	63155	Tie Rod	1

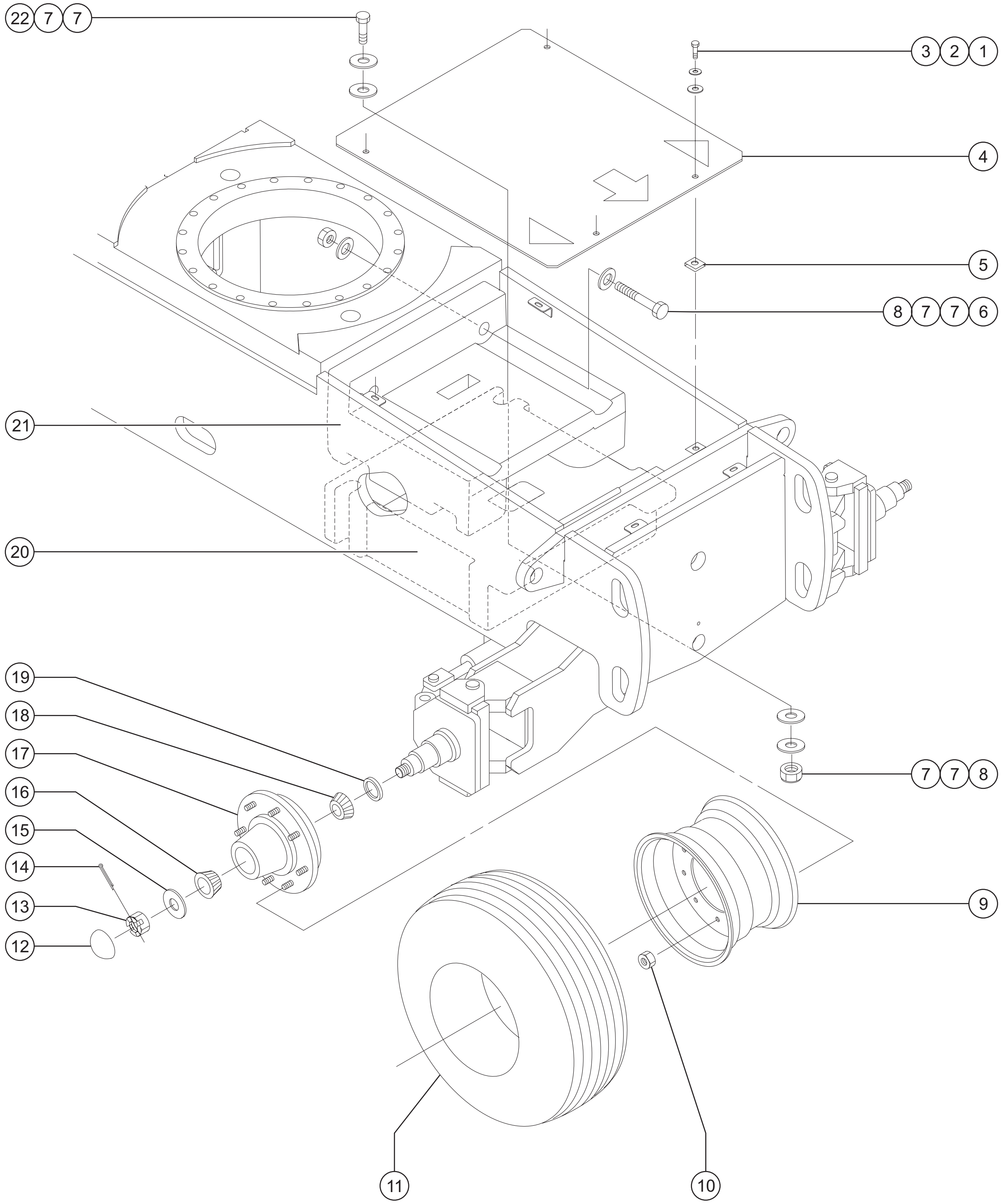
Figure	Rev	Description
202.1	A	2WD Steer Axle Linkage, Non-oscillating Models



202.1
2WD Steer Axle Linkage, Non-oscillating Models Rev A

Item	Part No.	Description	Qty.
1	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	45226	Rod End, 0.375 x 3.69 inches	1
4	30735	Pivot Pin, 17.5 x 1.5 inches	1
5	89065	Steer Cylinder	2
—	89066	Seal Kit	
6	25817	Bearing, 1 x 1.25 x 1 inch	6
7	53081	Pivot Pin, 4.63 x 1.5 inches	4
8	45071	Bearing, 1.5 x 1.75 x 1.5 inches	6
9	65515	Yoke Assembly - Left Side (includes items 6 and 8)	1
10	8220	Screw - HHC, 1/2 -13 x 4 inches, GR 5	
11	6086	Nylock Nut, 1/2 -13	
12	45074	Thrust Washer, 1.51 x 3.5 x 0.187 inch	2
13	36603	Flat Washer, 1.56 x 3.5 x 0.057 inch	as needed
14	89804	Steer Axle Assembly - Non-oscillating (includes items 6 and 8)	1
15	65516	Yoke Assembly - Right Side (includes items 6 and 8)	1
16	14815	Roll Pin, 0.25 x 2.25 inches	2
17	49857	Screw - HHC, 3/8 -16 x 0.875 inch, GR 5	
18	25284	Rod End, 0.375 x 2.25 inches	2
19	30734	Pivot Pin, 2.88 x 1 inch	2
20	19440	Clevis Pin, 1 x 2.5 inches	2
21	63155	Tie Rod	1
22	74389	Rue Ring, 1.25 x 15.13 inches	4

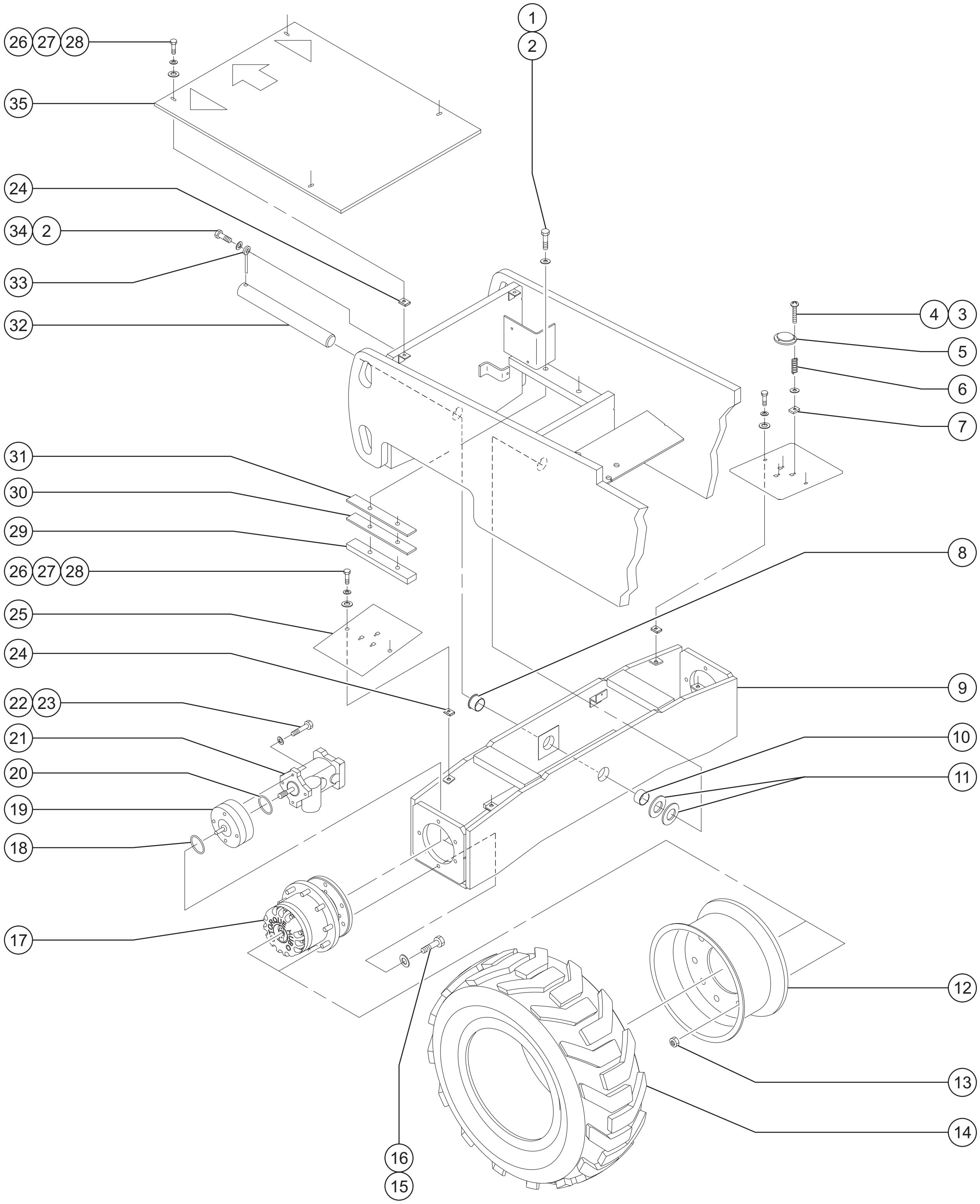
Figure	Rev	Description
203.1	B	2WD Steer Axle, Wheels and Hubs



203.1
2WD Steer Axle, Wheels and Hubs Rev B

Item	Part No.	Description	Qty.
1	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
2	6356	Lock Washer, 1/4 inch	
3	6638	Flat Washer, 1/4 inch	
4	102278	Steer End Cover Assembly with Decals	1
5	25969	Spring Clip Nut, 1/4 -20	
6	34350	Screw - HHC, 1-8 x 6 inches, GR 5	
7	38859	Flat Washer, 1 x 2.5 x 0.14 inch	
8	29764	Nylock Nut, 1-8	
9	73199	Wheel, 16 x 10 inches, 8 hole	2
—	73268	Wheel, 16.5 x 9.75 inches, 8 hole	
10	54627	Lug Nut, 5/8 -18, 90°	16
11	73200	Industrial Tire, 12.5 x 16SL, 14 Ply	2
—	73212	Non-Marking Tire, 12 x 16.5, 12 Ply	
—	81489	Rough Terrain Tire, 12 x 16.5, 8 Ply	
11	73198	Tire and Wheel Assembly - Industrial, Air-filled (shown)	2
—	111448	Tire and Wheel Assembly- Industrial, Air-filled with Sealant	
—	73764	Tire and Wheel Assembly - Industrial, Foam-filled	
11	81490	Tire and Wheel Assembly - Rough Terrain, Air-filled, Right Side	1
—	81491	Tire and Wheel Assembly - Rough Terrain, Air-filled, Left Side	
—	111451	Tire and Wheel Assembly - Rough Terrain, Air-filled with Sealant, Right Side	
—	111452	Tire and Wheel Assembly - Rough Terrain, Air-filled with Sealant, Left Side	
—	81494	Tire and Wheel Assembly - Rough Terrain, Foam-filled, Right Side	
—	81495	Tire and Wheel Assembly - Rough Terrain, Foam-filled, Left Side	
11	102088	Tire and Wheel Assembly - Rough Terrain, Non-marking, Air-filled, Right Side	1
—	102089	Tire and Wheel Assembly - Rough Terrain, Non-marking, Air-filled, Left Side	
—	111455	Tire and Wheel Assembly - Rough Terrain, Non-marking, Air-filled with Sealant, Right Side	
—	111456	Tire and Wheel Assembly - Rough Terrain, Non-marking, Air-filled with Sealant, Left Side	
—	102804	Tire and Wheel Assembly - Rough Terrain, Non-marking, Foam-filled, Right Side	
—	102805	Tire and Wheel Assembly - Rough Terrain, Non-marking, Foam-filled, Left Side	
12	45111	Dust Cap	2
13	45113	Spindle Nut, 1-14	2
14	45114	Cotter Pin, 0.219 x 1.75 inches	2
15	45112	Spindle Washer	2
16	45108	Outer Cone Bearing	2
17	45043	Hub Assembly (includes items 9-13, 15, 16 and races)	2
—	40145	Large Race	
—	40146	Small Race	
—	21166	Wheel Stud, 5/8 -18	
18	45107	Inner Cone Bearing	2
19	45110	Grease Seal	2
—	45873	Hub Seal and Bearing Kit (includes items 9-13, 15, 16 and races)	
20	46958	Drive Chassis Weight, 429 lbs, 2WD (S-40)	1
21	53415	Drive Chassis Weight, 429 lbs, 2WD (S-45)	1
22	34079	Screw - HHC, 1-8 x 8.5 inches, GR 5	

Figure	Rev	Description
204.1	D	2WD Non-steer Axle (before serial number 7569)

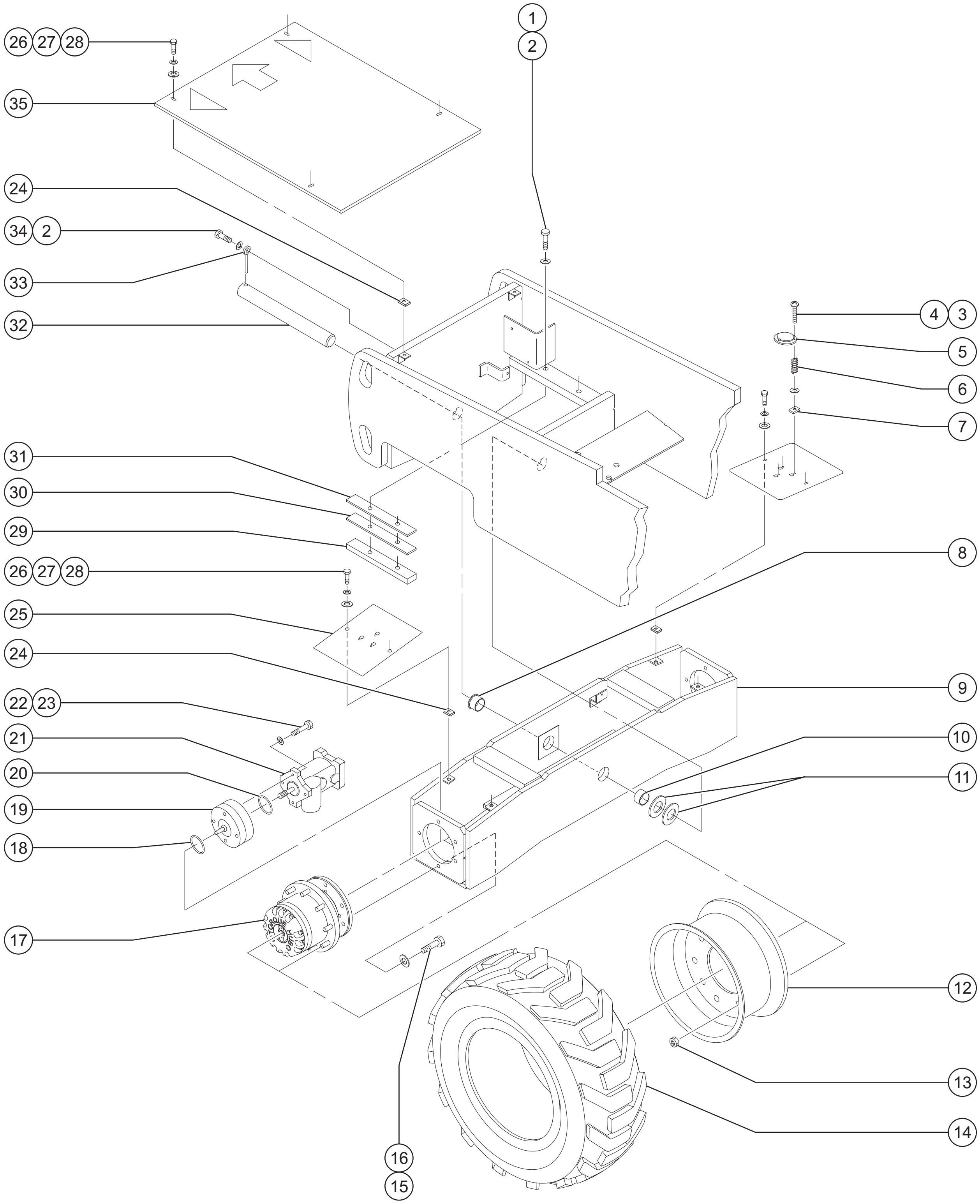


204.1
2WD Non-steer Axle (before serial number 7569) Rev D

Item	Part No.	Description	Qty.
1	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	73634	Screw - PHPM, 10-24 x 0.5 inch	
4	6146	Flat Washer, #10	
5	77026	Bubble Level (European models)	1
6	77027	Spring	3
7	73575	Spring Clip Nut, 10-24	3
8	54156	Flanged Bearing, 1.5 x 1.75 x 1 inch	1
9	89802	Non-steer Axle Assembly (includes items 8 and 11)	1
10	18396	Bearing, 1.5 x 1.75 x 1 inch	1
11	36603	Flat Washer, 1.56 x 3.5 x 0.057 inch	as needed
12	73196	Wheel 16.5 x 9.75, 9 holes	2
13	54627	Lug Nut, 5/8 -18, 90°	18
14	81489	Tire, 12 -16.5, 8 Ply	2
—	73212	Tire, 12 -16.5, 12 Ply, Non-marking	
14	81008	Tire and Wheel Assembly - Air-filled, Right Side	1
—	81009	Tire and Wheel Assembly - Air-filled, Left Side	
—	111449	Tire and Wheel Assembly - Air-filled with Sealant, Right Side	
—	111450	Tire and Wheel Assembly - Air-filled with Sealant, Left Side	
—	81492	Tire and Wheel Assembly - Foam-filled, Right Side	
—	81493	Tire and Wheel Assembly - Foam-filled, Left Side	
14	73204	Tire and Wheel Assembly - Non-marking, Right Side	1
—	73205	Tire and Wheel Assembly - Non-marking, Left Side	
—	111453	Tire and Wheel Assembly - Non-marking with Sealant, Right Side	
—	111454	Tire and Wheel Assembly - Non-marking with Sealant, Left Side	
—	102802	Tire and Wheel Assembly - Non-marking, Foam-filled Right Side	
—	102803	Tire and Wheel Assembly - Non-marking, Foam-filled Left Side	
15	13004	Screw - HHC, 5/8 -11 x 3 inches, GR 8	12
16	56911	Flat Washer, 5/8 inch	
17	20193	Drive Hub, 35:1	2
—	21142	Seal Kit	
—	21149	Wheel Stud, 5/8 -18	
—	21143	Bearing and Race Kit	
—	58328	Drive Hub End Cover	
—	37097	O-ring (included in Seal Kit)	
—	21148	Thrust Washer	
—	21146	Cap Cover	
—	21144	Actuator	
—	21145	Disconnect Rod	
—	72283	End Cover	
18	41252	O-ring	2
19	41912	Ausco Brake (includes item 18)	2
—	77240	Seal Kit	
—	77239	Lining Kit	
—	65608	Bearing Kit	
20	22811	O-ring	2
21	41398	Drive Motor, Non-steer Axle (includes item 20)	2
—	32680	Seal Kit	

This list continues on the next page.

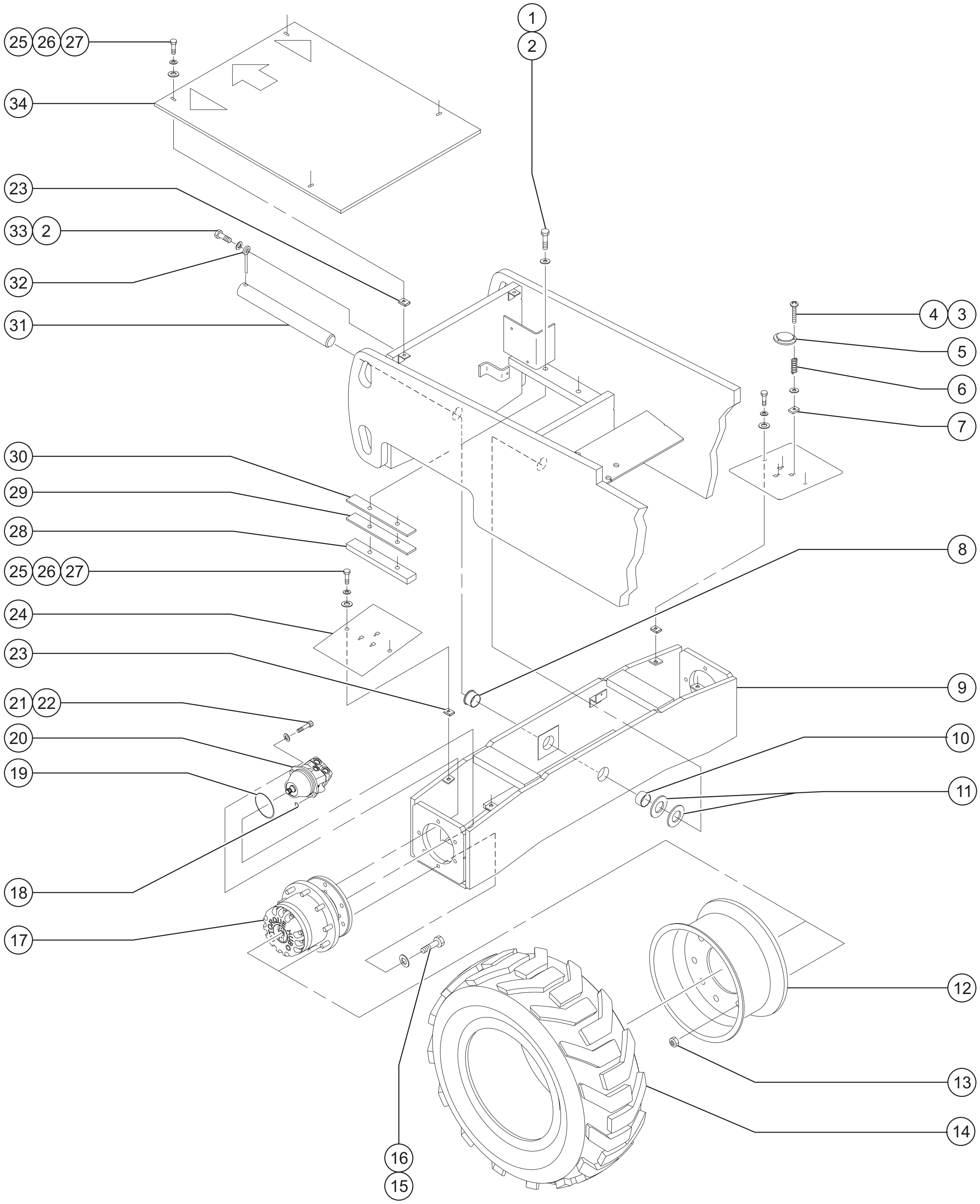
Figure	Rev	Description
204.1	D	2WD Non-steer Axle (before serial number 7569)



204.1
2WD Non-steer Axle (before serial number 7569) Rev D

Item	Part No.	Description	Qty.
22	73858	Screw - SHC, 1/2 -13 x 5 inches, GR 5	
23	13066	Flat Washer, 1/2 inch	
24	25969	Spring Clip Nut, 1/4 -20	8
25	30802P	Non-steer Axle Cover	2
26	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
27	6356	Lock Washer, 1/4 inch	
28	6638	Flat Washer, 1/4 inch	
29	30690	Axle Rotation Stop Bar (oscillating models)	2
—	30691	Axle Rotation Stop Bar (non-oscillating models)	
30	30808	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.108 inch	as needed
31	30809	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.034 inch	as needed
32	30735	Pivot Pin, 17.5 x 1.5 inches	1
33	45226	Rod End, 0.375 x 3.69 inches	1
34	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
35	89803	Non-steer End Cover with Decals	1

Figure	Rev	Description
204.2	B	2WD Non-steer Axle (after serial number 7568)

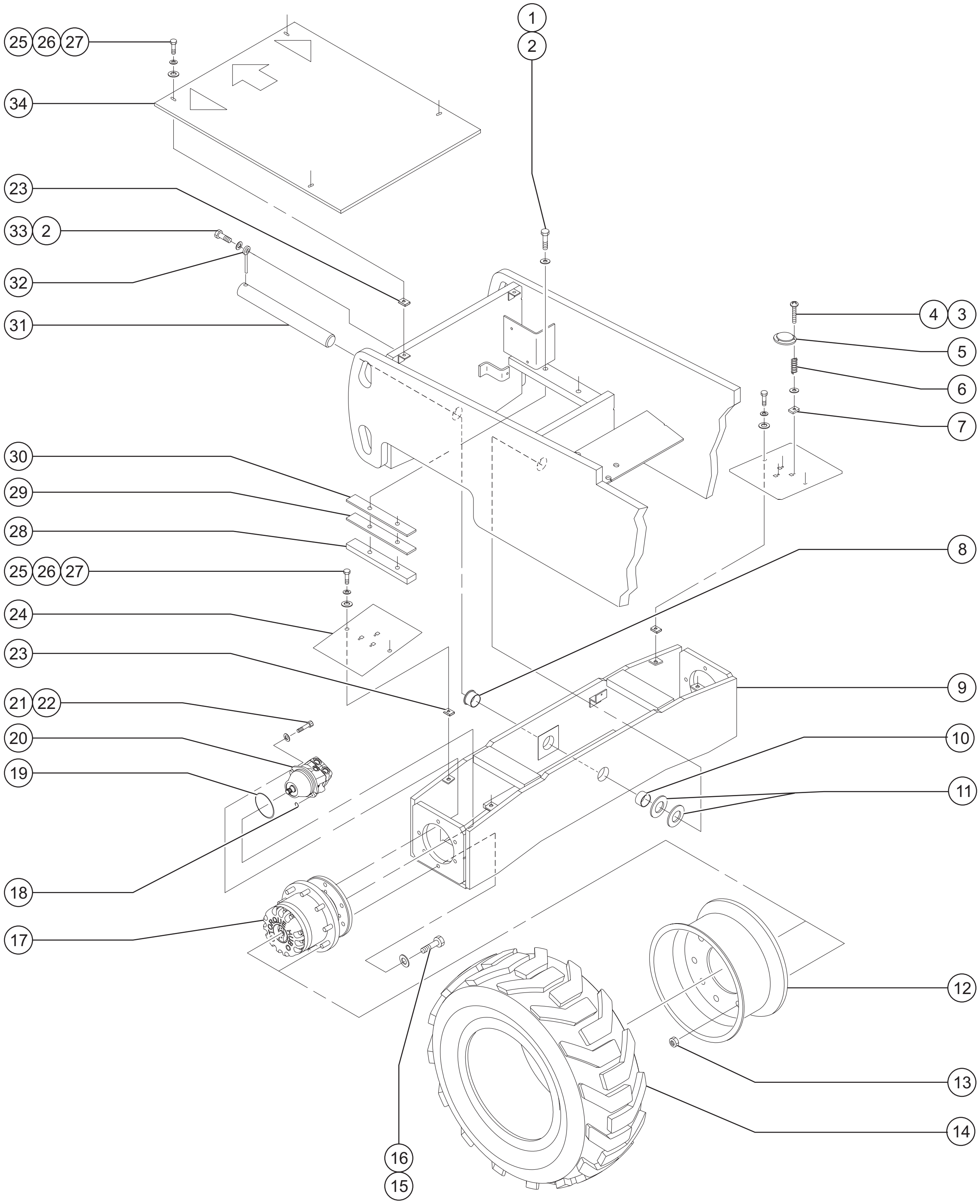


204.2
2WD Non-steer Axle (after serial number 7568) Rev B

Item	Part No.	Description	Qty.
1	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	73634	Screw - PHPM, 10-24 x 0.5 inch	
4	6146	Flat Washer, #10	
5	77026	Bubble Level (European models)	1
6	77027	Spring, 1 x 0.31 x 0.040 inch	3
7	73575	Spring Clip Nut, 10-24	3
8	54156	Flanged Bearing, 1.5 x 1.75 x 1 inch	1
9	89802	Non-steer Axle Assembly (includes items 8 and 11)	1
10	18396	Bearing, 1.5 x 1.75 x 1 inch	1
11	36603	Flat Washer, 1.56 x 3.5 x 0.057 inch	as needed
12	73196	Wheel 16.5 x 9.75, 9 holes	2
13	54627	Lug Nut, 5/8 -18, 90°	18
14	81489	Tire, 12-16.5, 8 Ply	2
—	73212	Tire, 12-16.5, 12 Ply, Non-marking	
14	81008	Tire and Wheel Assembly - Air-filled, Right Side	1
—	81009	Tire and Wheel Assembly - Air-filled, Left Side	
—	111449	Tire and Wheel Assembly - Air-filled with Sealant, Right Side	
—	111450	Tire and Wheel Assembly - Air-filled with Sealant, Left Side	
—	81492	Tire and Wheel Assembly - Foam-filled, Right Side	
—	81493	Tire and Wheel Assembly - Foam-filled, Left Side	
14	73204	Tire and Wheel Assembly - Non-marking, Right Side	1
—	73205	Tire and Wheel Assembly - Non-marking, Left Side	
—	111453	Tire and Wheel Assembly - Non-marking with Sealant, Right Side	
—	111454	Tire and Wheel Assembly - Non-marking with Sealant, Left Side	
—	102802	Tire and Wheel Assembly - Non-marking, Foam-filled Right Side	
—	102803	Tire and Wheel Assembly - Non-marking, Foam-filled Left Side	
15	73455	Screw - HHC, 5/8 -11 x 2.25 inches, GR 8	12
16	13064	Hardened Flat Washer, 5/8 inch	12
17	101584	Drive Hub, 57:1	2
—	106119	Gearbox Seal Kit	
—	106120	Wheel Stud	
—	58320	Drive Hub Cover	
—	106121	Disconnect Rod	
—	106122	Disengage Cap	
—	106123	End Cover O-ring	
—	106124	Brake Lining Kit	
—	106125	Brake Seal Kit	
—	106126	Bearing Kit	
18	106117	O-ring, Viton 2-010	2
19	106118	O-ring, Viton 2-158	2
20	101587	Drive Motor/brake (includes items 18 and 19)	2
—	106098	Seal Kit	
21	88296	Screw - HHC, 7/16 -14 x 1.25 inches, GR 5	
22	106134	Hardened Flat Washer, 7/16 inch	4
23	25969	Spring Clip Nut, 1/4 -20	8
24	30802P	Non-steer Axle Cover	2
25	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	

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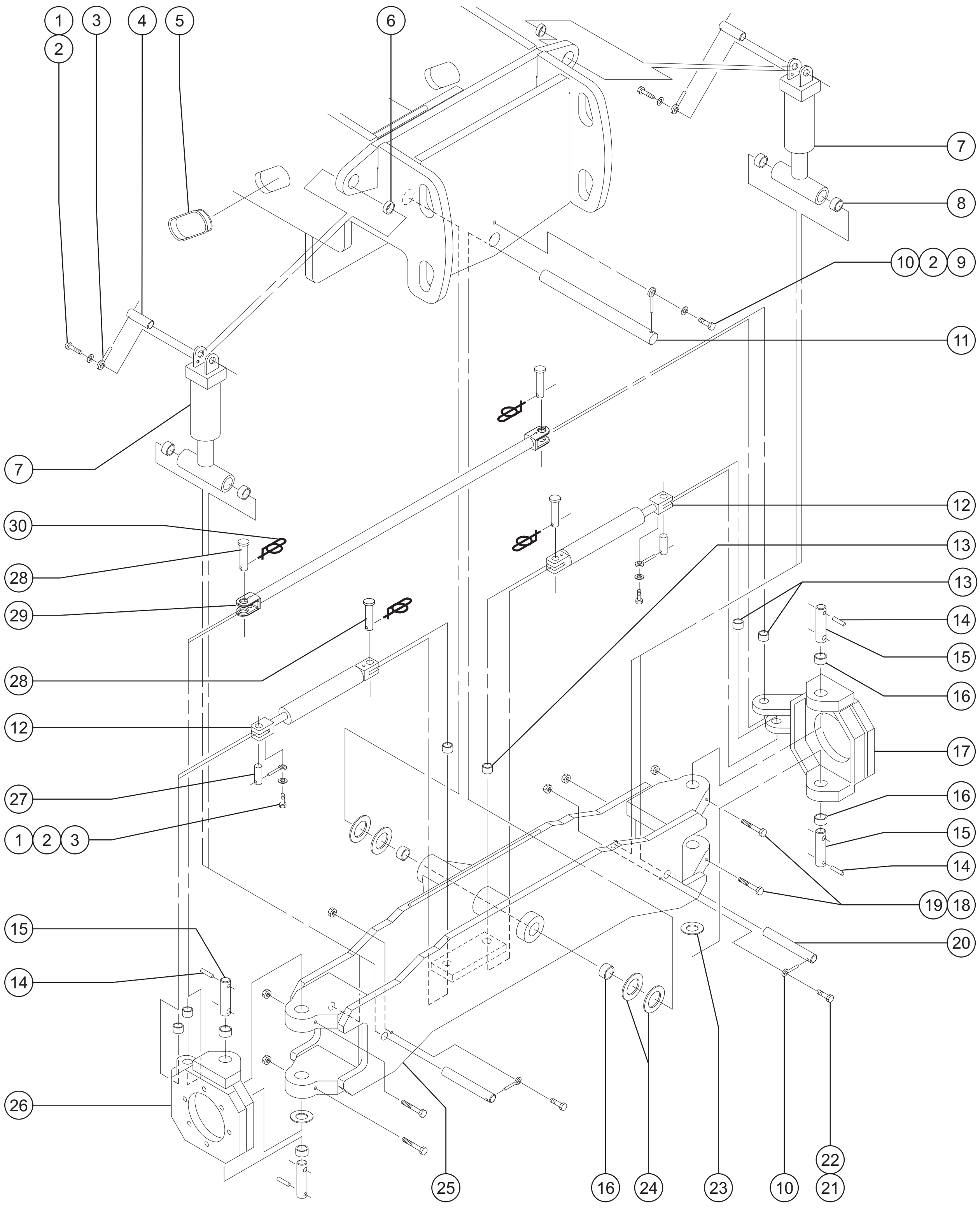
Figure	Rev	Description
204.2	B	2WD Non-steer Axle (after serial number 7568)



204.2
2WD Non-steer Axle (after serial number 7568) Rev B

Item	Part No.	Description	Qty.
26	6356	Lock Washer, 1/4 inch	
27	6638	Flat Washer, 1/4 inch	
28	30690	Axle Rotation Stop Bar (oscillating models)	2
—	30691	Axle Rotation Stop Bar (non-oscillating models)	
29	30808	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.108 inch	as needed
30	30809	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.034 inch	as needed
31	30735	Pivot Pin, 17.5 x 1.5 inches	1
32	45226	Rod End, 0.375 x 3.69 inches	1
33	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
34	89803	Non-steer End Cover with Decals	1

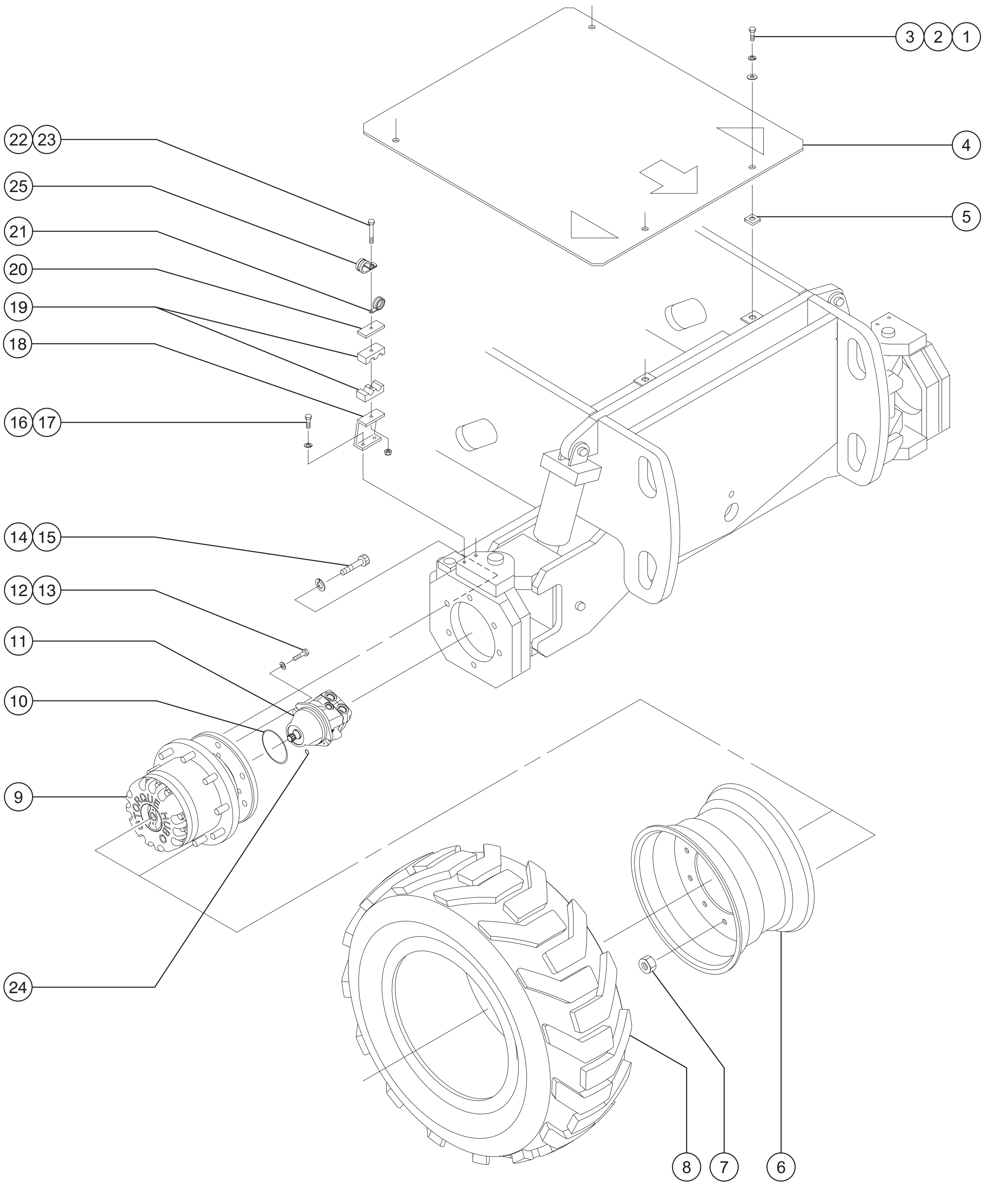
Figure	Rev	Description
205.1	B	4WD Steer Axle Linkage



205.1
4WD Steer Axle Linkage Rev B

Item	Part No.	Description	Qty.
1	49857	Screw - HHC, 3/8 -16 x 0.88 inch, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	25284	Rod End, 0.375 x 2.25 inches	8
4	30737	Pivot Pin, 3 x 1.25 inches	2
5	53386	Hose Protector Grommet	2
6	30370	Bearing, 1.25 x 1.5 x 1 inch	2
7	89099	Oscillation Cylinder (includes item 8)	2
—	89100	Seal Kit	
—	31106	Counterbalance Valve, 3000 psi / 206.8 bar	
8	59266	Bearing, 1.25 x 1.5 x 0.75 inch	4
9	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
10	45226	Rod End, 0.375 x 3.69 inches	3
11	30735	Pivot Pin, 17.5 x 1.5 inches	1
12	89065	Steer Cylinder	2
—	89066	Seal Kit	
13	25817	Bearing, 1 x 1.25 x 1 inch	6
14	14815	Roll Pin, 0.25 x 2.25 inches	4
15	53081	Pivot Pin, 4.63 x 1.5 inches	4
16	45071	Bearing, 1.5 x 1.75 x 1.5 inches	6
17	89804	Yoke Assembly - Left Side (includes items 13 and 16)	1
18	8220	Screw - HHC, 1/2 -13 x 4 inches, GR 5	
19	6086	Nylock Nut, 1/2 -13	
20	30190	Pivot Pin, 7.25 x 1.25 inches	2
21	6708	Screw - HHC, 3/8 -16 x 2.25 inches, GR 5	
22	4828	Nylock Nut, 3/8 -16	
23	45074	Thrust Washer, 1.51 x 3.5 x 0.187 inch	2
24	36603	Flat Washer, 1.56 x 3.5 x 0.057 inch	as needed
25	102192-S	Steer Axle Assembly (includes items 13 and 16)	1
26	89805	Yoke Assembly - Right Side (includes items 13 and 16)	1
27	30734	Pivot Pin, 2.88 x 1 inch	2
28	19440	Clevis Pin, 1 x 2.5 inches	2
29	63155	Tie Rod	1
30	74389	Rue Ring, 1.25 x 15.13 inches	4

Figure	Rev	Description
206.1	C	4WD Steer Axle - Wheels and Hubs



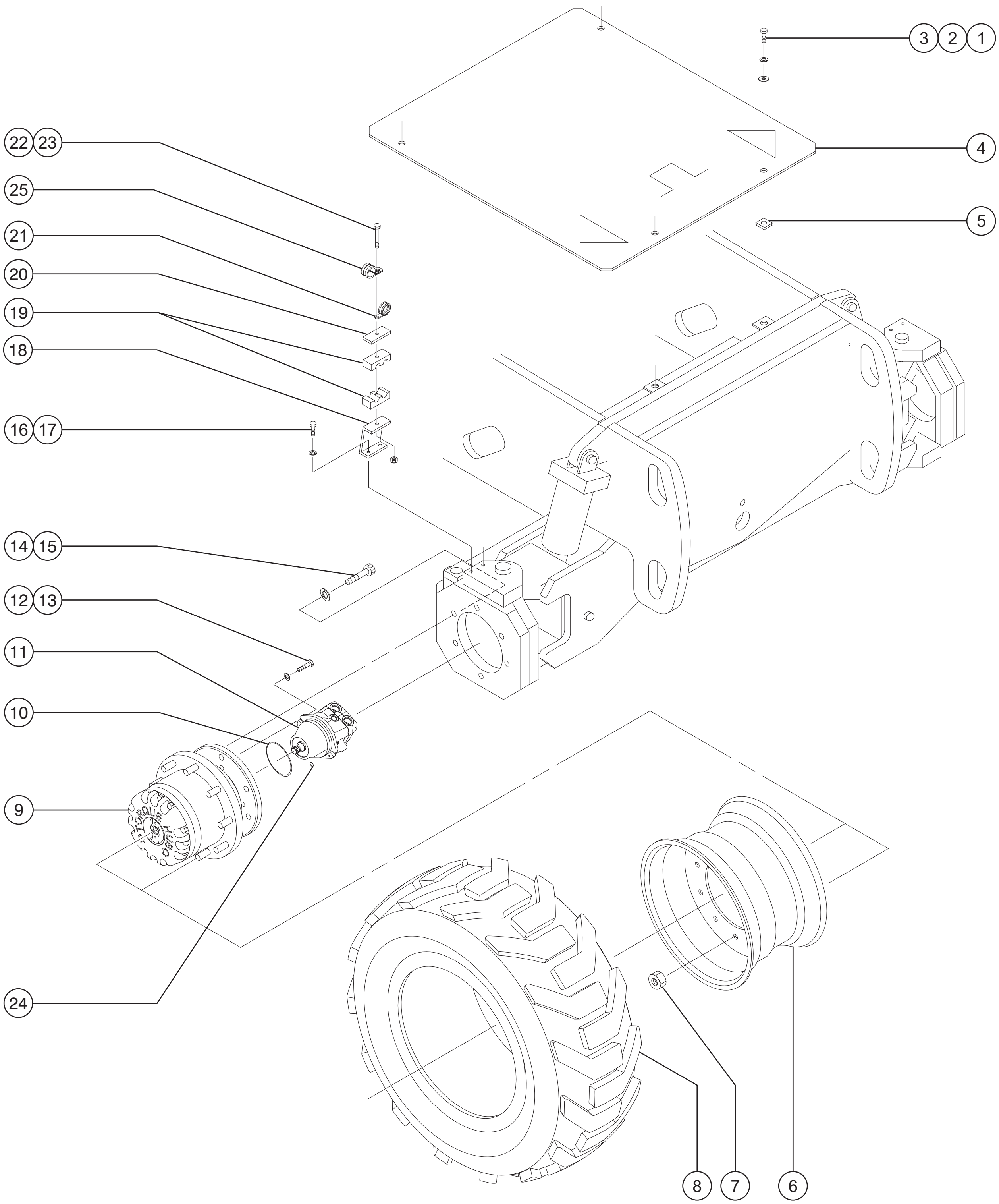
206.1
4WD Steer Axle - Wheels and Hubs Rev C

Item	Part No.	Description	Qty.
1	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
2	6356	Lock Washer, 1/4 inch	
3	6638	Flat Washer, 1/4 inch	
4	102278	Steer End Cover	1
5	25969	Spring Clip Nut, 1/4 -20	
6	73196	Wheel 16.5 x 9.75, 9 hole	2
—	73492	Wheel 15 x 13, 9 hole	
—	73924	Wheel 19.5 x 14, 9 hole	
7	54627	Lug Nut, 5/8 -18, 90°	18
8	81489	Tire, 12 -16.5, 8 Ply	2
—	73212	Tire, 12 -16.5, 12 Ply, Non-marking	
—	73925	Tire, 33 -16LL 500, 10 Ply, Sand Tire, High Flotation	
—	73493	Tire, 31-15.50 -15, 8Ply, Wide	
8	81008	Tire and Wheel Assembly - Air-filled, Right Side	1
—	81009	Tire and Wheel Assembly - Air-filled, Left Side	
—	111449	Tire and Wheel Assembly - Air-filled with Sealant, Right Side	
—	111450	Tire and Wheel Assembly - Air-filled with Sealant, Left Side	
—	81492	Tire and Wheel Assembly - Foam-filled, Right Side	
—	81493	Tire and Wheel Assembly - Foam-filled, Left Side	

Item	Part No.	Description	Qty.
8	73204	Tire and Wheel Assembly - Non-marking, Air-filled Right Side	1
—	73205	Tire and Wheel Assembly - Non-marking, Air-filled Left Side	
—	111453	Tire and Wheel Assembly - Non-marking, Air-filled with Sealant, Right Side	
—	111454	Tire and Wheel Assembly - Non-marking, Air-filled with Sealant, Left Side	
—	102802	Tire and Wheel Assembly - Non-marking, Foam-filled Right Side	
—	102803	Tire and Wheel Assembly - Non-marking, Foam-filled Left Side	
8	73490	Tire and Wheel Assembly - Wide Foam-filled, Right Side	2
—	73491	Tire and Wheel Assembly - Wide Foam-filled, Left Side	
8	73923	Tire and Wheel Assembly - High-flotation	2
9	45553	Drive Hub, 18:1 (before serial number 7569)	2
—	21142	Seal Kit	
—	21149	Wheel Stud	
—	21143	Bearing and Race Kit	
—	21147	End Cover	
—	37097	O-ring (included in seal kit part number 21142)	
—	21148	Thrust Washer	
—	21146	Cap Cover	
—	72283	End Cover, (domed)	
—	21144	Disconnect Rod Actuator	
—	21145	Disconnect Rod	
—	101584	Drive Hub, 57:1 (after serial number 7568)	2
—	106119	Gearbox Seal Kit	
—	106120	Wheel Stud	
—	106121	Disconnect Rod	
—	106122	Disengage Cap	
—	106123	End Cover O-ring	
—	106124	Brake Lining Kit	
—	106125	Brake Seal Kit	
—	106126	Bearing Kit	

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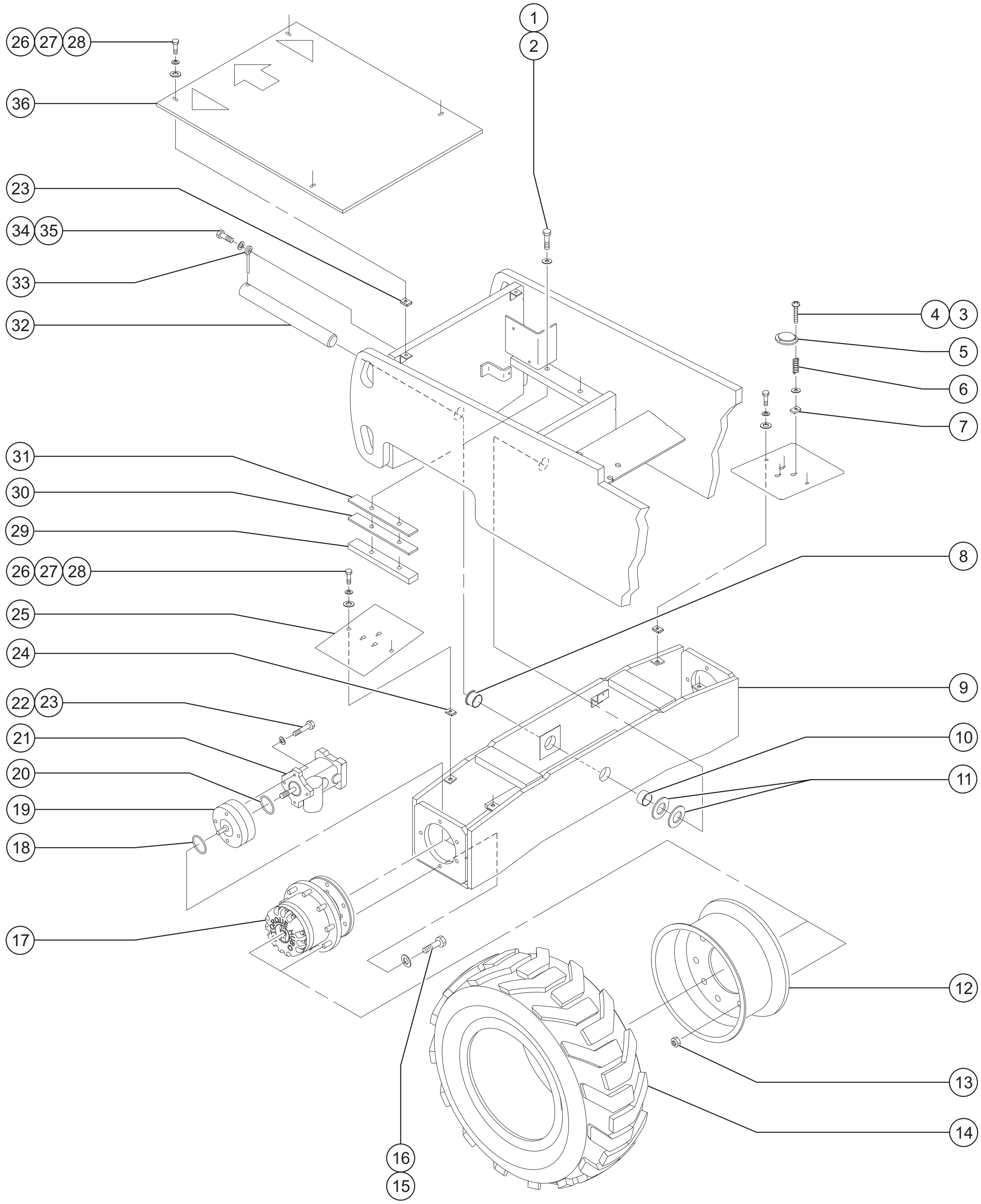
Figure	Rev	Description
206.1	C	4WD Steer Axle - Wheels and Hubs



206.1
4WD Steer Axle - Wheels and Hubs Rev C

Item	Part No.	Description	Qty.
10	41252	O-ring, (before serial number 7569)	2
—	106118	O-ring, Viton 2-158 (after serial number 7568)	
11	33432	Drive Motor (before serial number 7569) (includes item 10)	2
—	32675	Seal Kit	
—	101586	Drive Motor, 25cc (after serial number 7568) (includes items 10 and 24)	
—	106098	Seal Kit	
12	8177	Screw - HHC, 1/2 -13 x 1.5 inches, GR 5 (before serial number 7569)	
—	88296	Screw - HHC, 7/16 -14 x 1.25 inches, GR 5 (after serial number 7568)	
13	13066	Hardened Flat Washer, 1/2 inch (before serial number 7569)	4
—	106134	Hardened Flat Washer, 7/16 inch (after serial number 7568)	
14	13004	Screw - HHC, 5/8 -11 x 3 inches, GR 8 (before serial number 7569)	12
—	29883	Screw - HHC, 5/8 -11 x 1.75 inches, GR 8 (after serial number 7568)	
15	56911	Flat Washer, 0.688 x 1.16 x 0.09 inch (before serial number 7569)	12
—	13064	Hardened Flat Washer, 5/8 inch (after serial number 7568)	
16	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	
17	6021	Lock Washer, 3/8 inch	
18	30889P	Hose Mount Bracket	2
19	36858	Dual Hose Clamp (pair)	2
20	36859	Top Plate Clamp	2
21	45454	Rubber Cushioned Clamp, 3/4 inch	2
22	18505	Flange Screw, 5/16 -18 x 2.25 inches	
23	6002	Nylock Nut, 5/16 -18	
24	106117	O-ring, Viton 2-010	2
25	60838	Rubber Cushioned Clamp, 1 inch	2

Figure	Rev	Description
207.1	E	4WD Non-steer Axle (before serial number 7569)

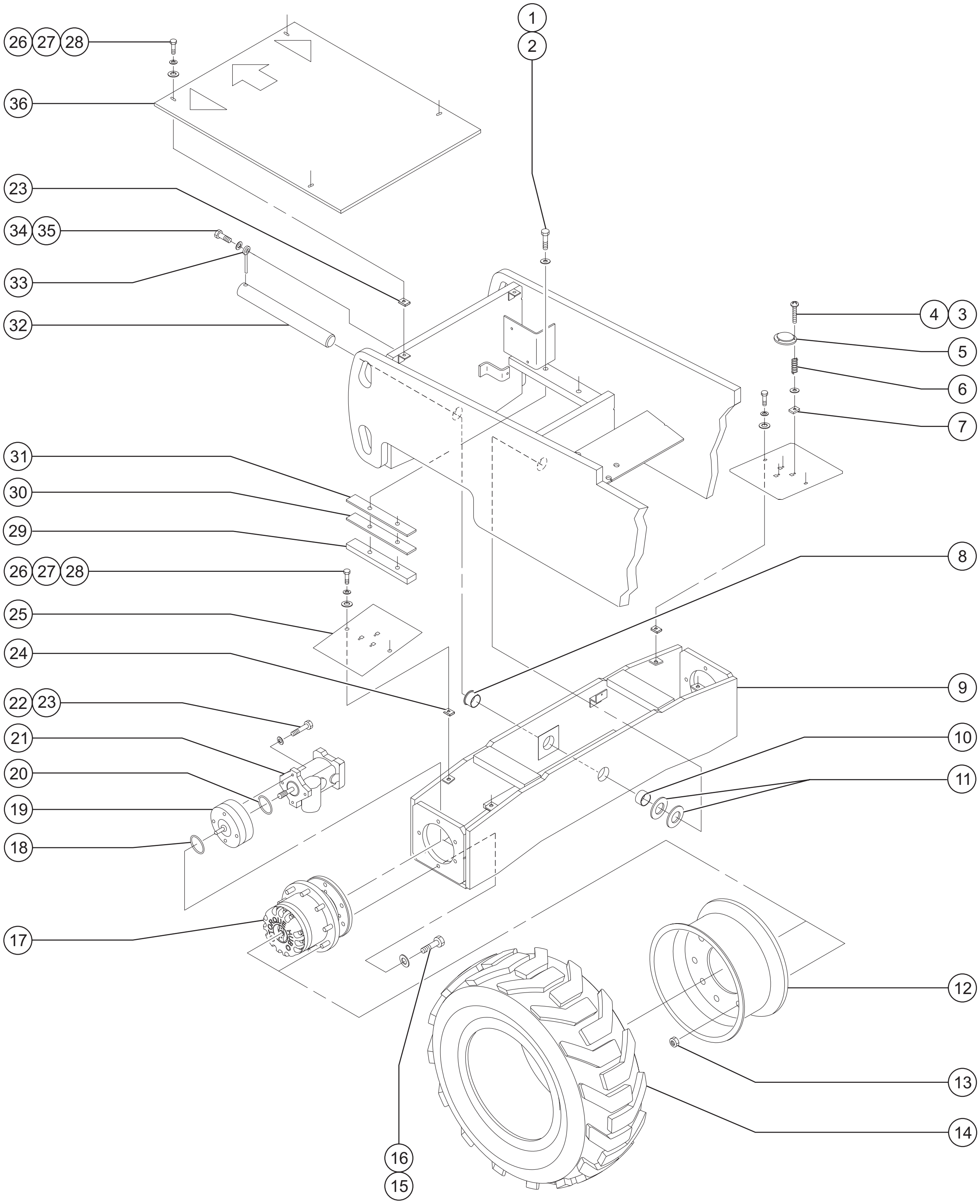


207.1
4WD Non-steer Axle (before serial number 7569) Rev E

Item	Part No.	Description	Qty.
1	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	73634	Screw - PHPM, 10-24 x 0.5 inch	3
4	6146	Flat Washer, #10	
5	77026	Bubble Level (European models)	1
6	77027	Spring	3
7	73575	Spring Clip Nut, 10 -24	3
8	54156	Flanged Bearing, 1.5 x 1.75 x 1 inch	1
9	89802	Non-steer Axle Assembly (includes items 10 and 36)	1
10	18396	Bearing, 1.5 x 1.75 x 1 inch	1
11	36603	Flat Shim Washer, 1.56 x 3.5 x 0.057 inch	as needed
12	73196	Wheel 16.5 x 9.75, 9 hole	2
—	73492	Wheel 15 x 13, 9 hole	
—	73924	Wheel 19.5 x 14, 9 hole	
13	54627	Lug Nut, 5/8 -18, 90°	18
14	81489	Tire, 12 -16.5, 8 Ply	2
—	73212	Tire, 12 -16.5, 12 Ply, Non-marking	
—	73925	Tire, 33 -16LL 500, 10 Ply, Sand Tire, High Flotation	
—	73493	Tire, 31-15.50 -15, 8 Ply, Wide	
14	81008	Tire and Wheel Assembly - Air-filled, Right Side	1
—	81009	Tire and Wheel Assembly - Air-filled, Left Side	
—	111449	Tire and Wheel Assembly - Air-filled with Sealant, Right Side	
—	111450	Tire and Wheel Assembly - Air-filled with Sealant, Left Side	
—	81492	Tire and Wheel Assembly - Foam-filled, Right Side	
—	81493	Tire and Wheel Assembly - Foam-filled, Left Side	
14	73204	Tire and Wheel Assembly - Air-filled, Non-marking, Right Side	1
—	73205	Tire and Wheel Assembly - Air-filled, Non-marking, Left Side	
—	111453	Tire and Wheel Assembly - Air-filled with Sealant, Non-marking, Right Side	
—	111454	Tire and Wheel Assembly - Air-filled with Sealant, Non-marking, Left Side	
—	102802	Tire and Wheel Assembly - Non-marking, Foam-filled Right Side	
—	102803	Tire and Wheel Assembly - Non-marking, Foam-filled Left Side	
14	73923	Tire and Wheel Assembly - High-flotation	2
14	73490	Tire and Wheel Assembly - Wide Foam-filled, Right Side	2
—	73491	Tire and Wheel Assembly - Wide Foam-filled, Left Side	
15	13004	Screw - HHC, 5/8 -11 x 3 inches, GR 8	12
16	56911	Flat Washer, 0.688 x 1.16 x 0.09 inch	
17	20451	Drive Hub, 35:1	2
—	21142	Seal Kit	
—	21149	Wheel Stud, 5/8 -18	
—	21143	Bearing and Race Kit	
—	21147	End Cover	
—	37097	Drive Hub End Cover O-ring (included in seal kit part number 21142)	
—	21148	Washer	
—	21146	Cap Cover	
—	21144	Disconnect Rod Actuator	
—	21145	Disconnect Rod	
—	72283	End Cover (Domed)	
—	58285	Spindle, Torque Hub	
18	41252	O-ring	2

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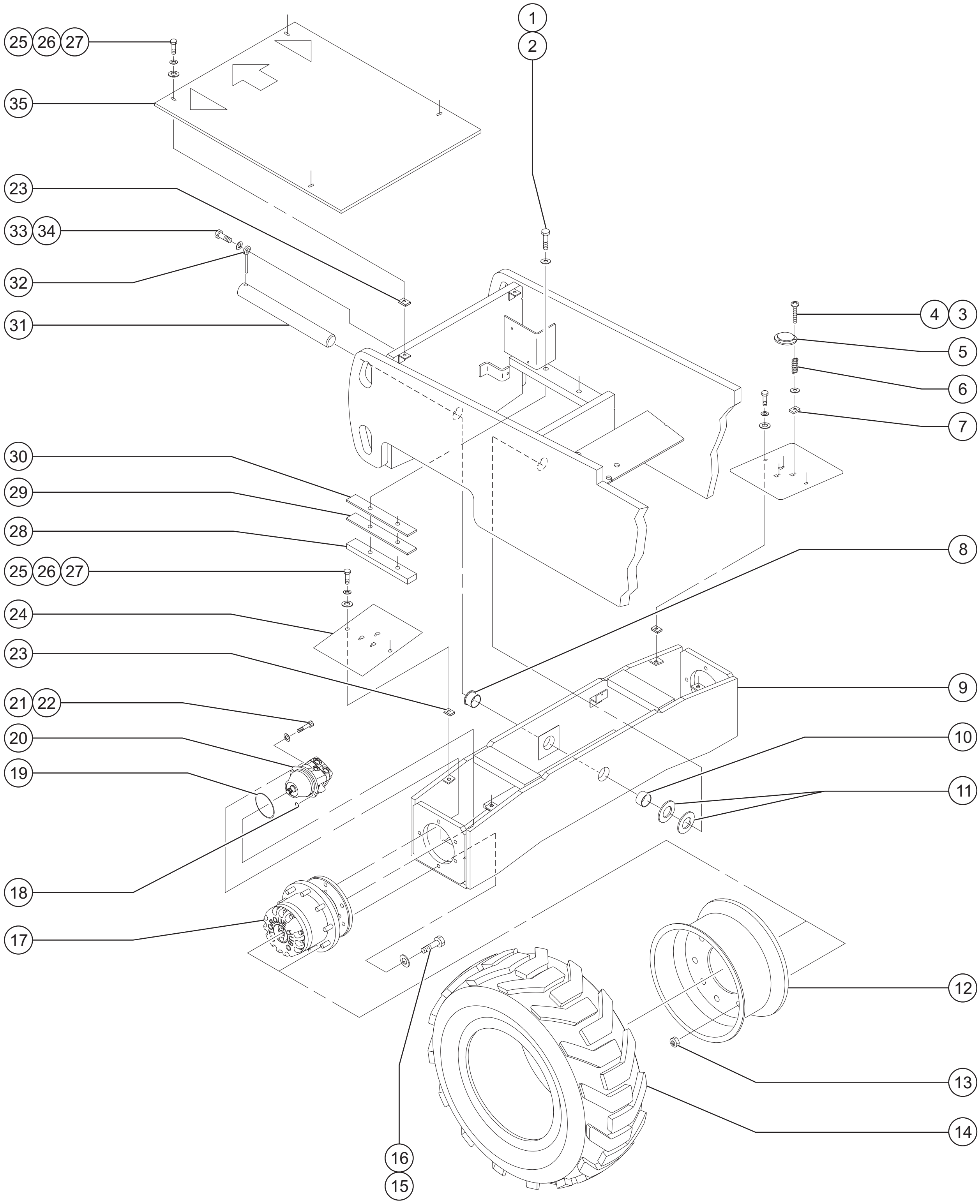
Figure	Rev	Description
207.1	E	4WD Non-steer Axle (before serial number 7569)



207.1
4WD Non-steer Axle (before serial number 7569) Rev E

Item	Part No.	Description	Qty.
19	73897	Ausco Brake (includes item 18)	2
—	77240	Seal Kit	
—	77239	Lining Kit	
—	65608	Bearing Kit	
20	22811	O-ring	2
21	41398	Drive Motor (includes item 19)	2
—	32680	Seal Kit	
22	73858	Screw - SHC, 1/2 -13 x 5 inches, GR 5	
23	13066	Hardened Flat Washer, 1/2 inch	4
24	25969	Spring Clip Nut, 1/4 -20	8
25	30802-S	Non-steer Axle Cover	2
26	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
27	6356	Lock Washer, 1/4 inch	
28	6638	Flat Washer, 1/4 inch	
29	30690	Axle Rotation Stop Bar (oscillating models)	2
—	30691	Axle Rotation Stop Bar (non-oscillating models)	
30	30808	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.108 inch	as needed
31	30809	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.034 inch	as needed
32	30735	Axle Pivot Pin, 17.5 x 1.5 inches	1
33	45226	Rod End, 0.375 x 3.69 inches	1
34	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
35	6021	Lock Washer, 3/8 inch	
36	89803	Non-steer End Cover with Decals	1

Figure	Rev	Description
207.2	B	4WD Non-steer Axle (after serial number 7568)

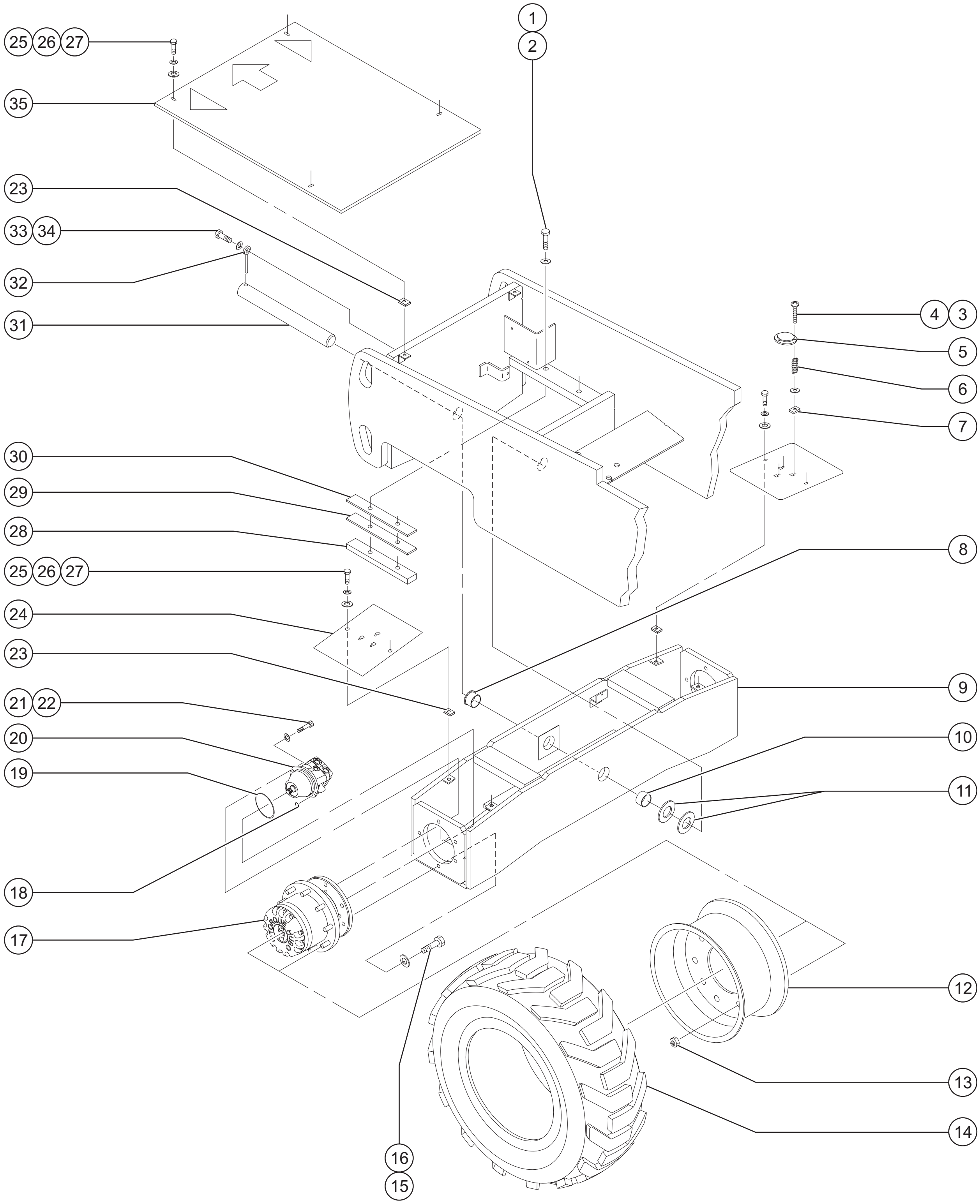


207.2
4WD Non-steer Axle (after serial number 7568) Rev B

Item	Part No.	Description	Qty.
1	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	73634	Screw - PHPM, 10-24 x 0.5 inch	
4	6146	Flat Washer, #10	
5	77026	Bubble Level (European models)	1
6	77027	Spring	3
7	73575	Spring Clip Nut, 10-24	3
8	54156	Flanged Bearing, 1.5 x 1.75 x 1 inch	1
9	89802	Non-steer Axle Assembly (includes items 8 and 17)	1
10	18396	Bearing, 1.5 x 1.75 x 1 inch	1
11	36603	Flat Washer, 1.56 x 3.5 x 0.057 inch	as needed
12	73196	Wheel 16.5 x 9.75, 9 hole	2
—	73492	Wheel 15 x 13, 9 hole	
—	73924	Wheel 19.5 x 14, 9 hole	
13	54627	Lug Nut, 5/8 -18, 90°	18
14	81489	Tire, 12 -16.5, 8 Ply	2
—	73212	Tire, 12 -16.5, 12 Ply, Non-marking	
—	73925	Tire, 33 -16LL 500, 10 Ply, Sand Tire, High-Flotation	
14	81008	Tire and Wheel Assembly - Air-filled, Right Side	1
—	81009	Tire and Wheel Assembly - Air-filled, Left Side	
—	111449	Tire and Wheel Assembly - Air-filled with Sealant, Right Side	
—	111450	Tire and Wheel Assembly - Air-filled with Sealant, Left Side	
—	81492	Tire and Wheel Assembly - Foam-filled, Right Side	
—	81493	Tire and Wheel Assembly - Foam-filled, Left Side	
14	73204	Tire and Wheel Assembly - Air-filled, Non-marking, Right Side	1
—	73205	Tire and Wheel Assembly - Air-filled, Non-marking, Left Side	
—	111453	Tire and Wheel Assembly - Air-filled with Sealant, Non-marking, Right Side	
—	111454	Tire and Wheel Assembly - Air-filled with Sealant, Non-marking, Left Side	
—	102802	Tire and Wheel Assembly - Non-marking, Foam-filled Right Side	
—	102803	Tire and Wheel Assembly - Non-marking, Foam-filled Left Side	
14	73923	Tire and Wheel Assembly - High-flotation	2
14	73490	Tire and Wheel Assembly - Wide Foam-filled, Right Side	1
—	73491	Tire and Wheel Assembly - Wide Foam-filled, Left Side	

This list continues on the next page.

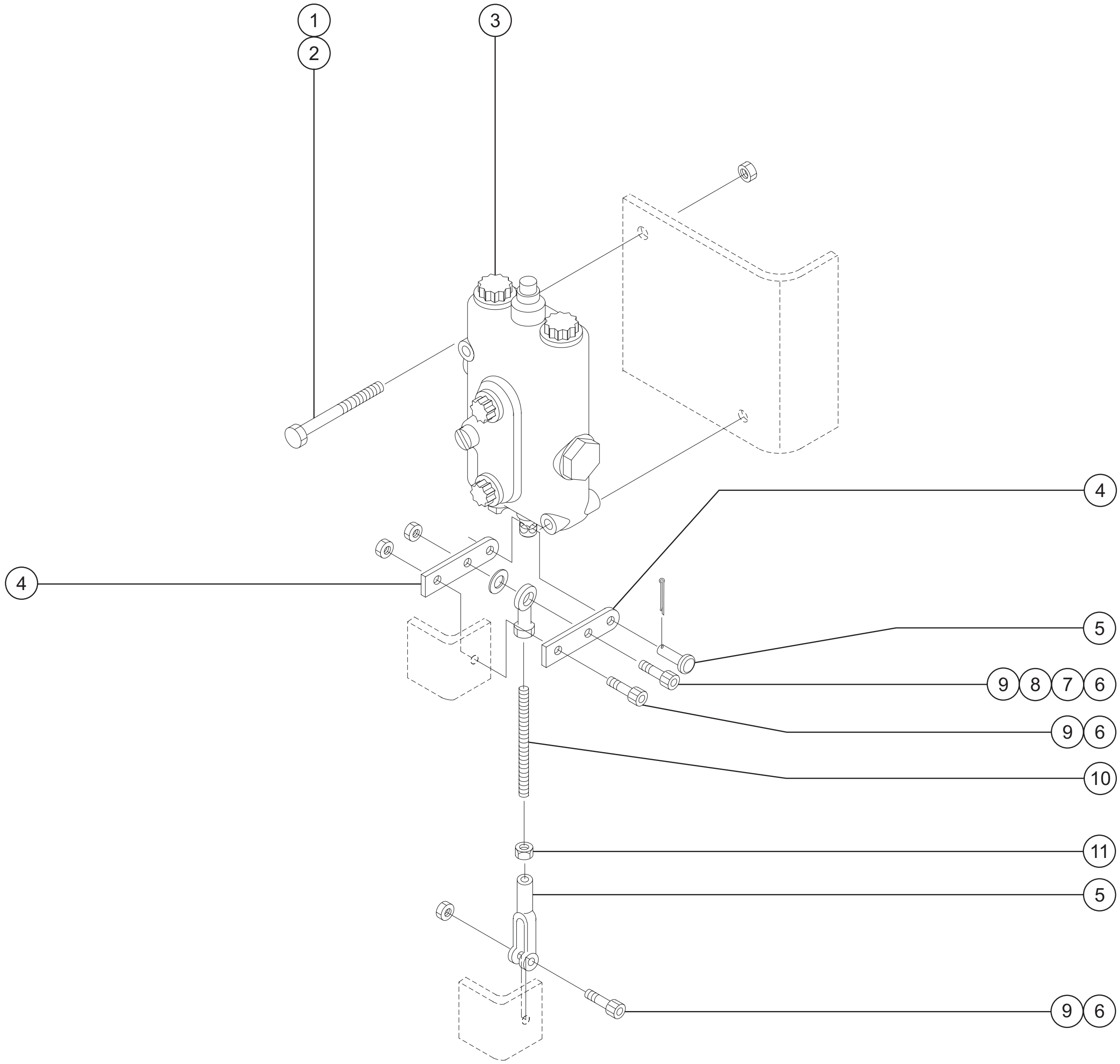
Figure	Rev	Description
207.2	B	4WD Non-steer Axle (after serial number 7568)



207.2
4WD Non-steer Axle (after serial number 7568) Rev B

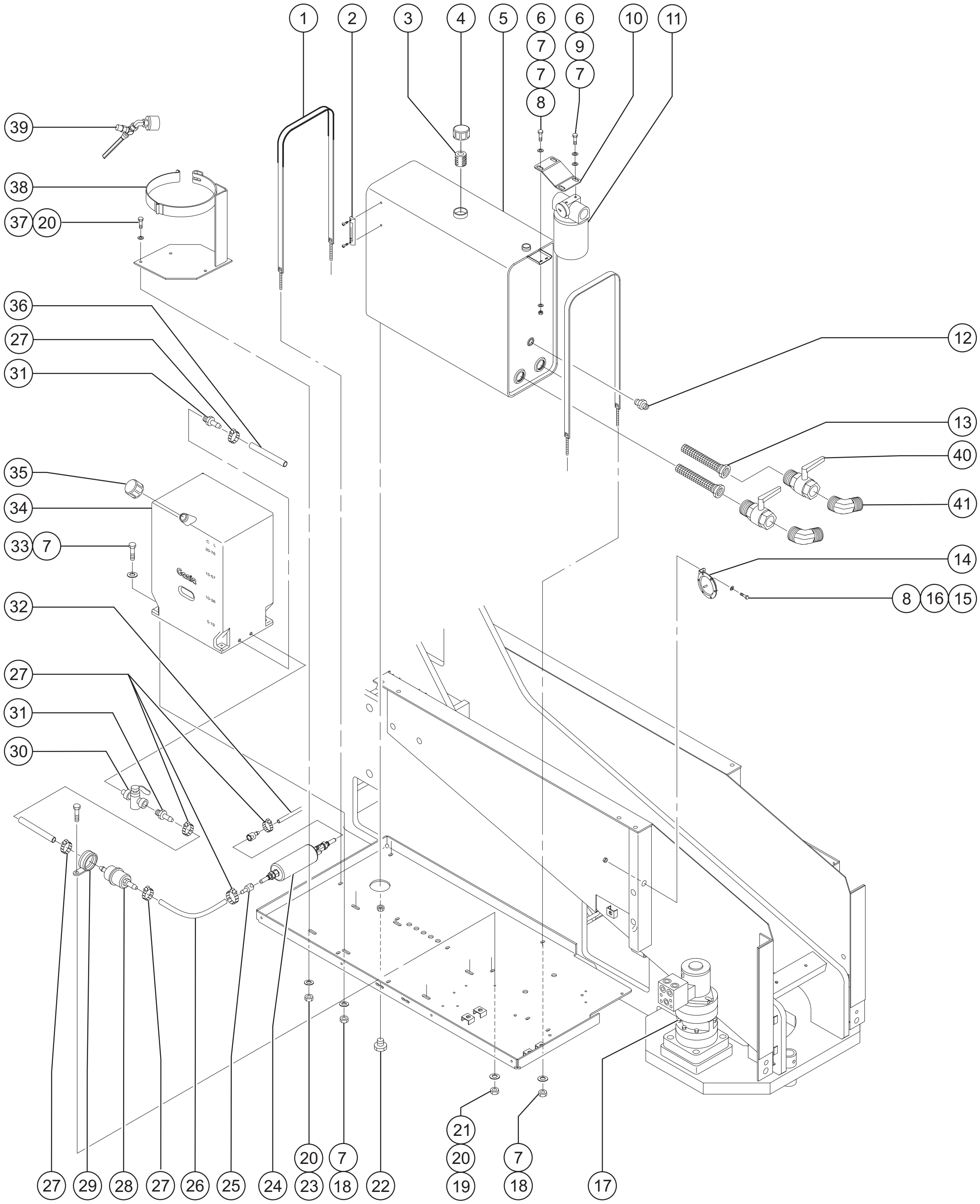
Item	Part No.	Description	Qty.
15	73455	Screw - HHC, 5/8 -11 x 2.25 inches, GR 8	12
16	13064	Hardened Flat Washer, 5/8 inch	12
17	101584	Drive Hub, 57:1	2
—	106119	Gearbox Seal Kit	
—	106120	Wheel Stud	
—	106121	Disconnect Rod	
—	106122	Disengage Cap	
—	106123	End Cover O-ring	
—	106124	Brake Lining Kit	
—	106125	Brake Seal Kit	
—	106126	Bearing Kit	
18	106117	O-ring, Viton 2-010	2
19	106118	O-ring, Viton 2-158	2
20	101587	Drive Motor, LC30cc (includes items 18 and 19)	2
—	106098	Seal Kit	
21	88296	Screw - HHC, 7/16 -14x 1.25 inches, GR 5	
22	106134	Hardened Flat Washer, 7/16 inch	4
23	25969	Spring Clip, 1/4 -20	8
24	30802P	Non-steer Axle Cover	2
25	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
26	6356	Lock Washer, 1/4 inch	
27	6638	Flat Washer, 1/4 inch	
28	30690	Axle Rotation Stop Bar (oscillating models)	2
—	30691	Axle Rotation Stop Bar (non-oscillating models)	
29	30808	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.108 inch	as needed
30	30809	Axle Rotation Stop Shim, 9.5 x 1.5 x 0.034 inch	as needed
31	30735	Pivot Pin, 17.5 x 1.5 inches	1
32	45226	Rod End, 0.375 x 3.69 inches	1
33	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
34	6021	Lock Washer, 3/8 inch	
35	89803	Non-steer End Cover with Decals	1

Figure	Rev	Description
208.1	B	Oscillation Control Valve



Item	Part No.	Description	Qty.
—	49613	Plug and Cap Kit (for ORFS fittings)	
—	49612	O-ring Kit (for ORFS fittings)	
1	4266	Screw - HHC, 1/4 -20 x 2 inches	
2	6091	Nylock Nut, 1/4 -20	
3	81552	Manual Control Valve, 950 psi / 65.5 bar	1
—	32681	Seal Kit	
4	30884	Oscillate Valve Linkage	2
5	21130	Clevis Yoke, 1/4 -28 (includes clevis pin and cotter pin)	1
6	6584	Shoulder Bolt, 1/4 x 0.625 inch	
7	81691	Linkage Rod, 1/4 -28	1
8	20980	Nylon Flat Washer, 0.257 x 0.437 x 0.047 inch	
9	6178	Nylock Nut, 10-32	
10	30785-275	Threaded Rod, 1/4 -28 x 2.75 inches	1
11	21496	Hex Nut, 1/4 -28	

Figure	Rev	Description
301.1	D	Hydraulic and Fuel Tanks - Gasoline/LPG

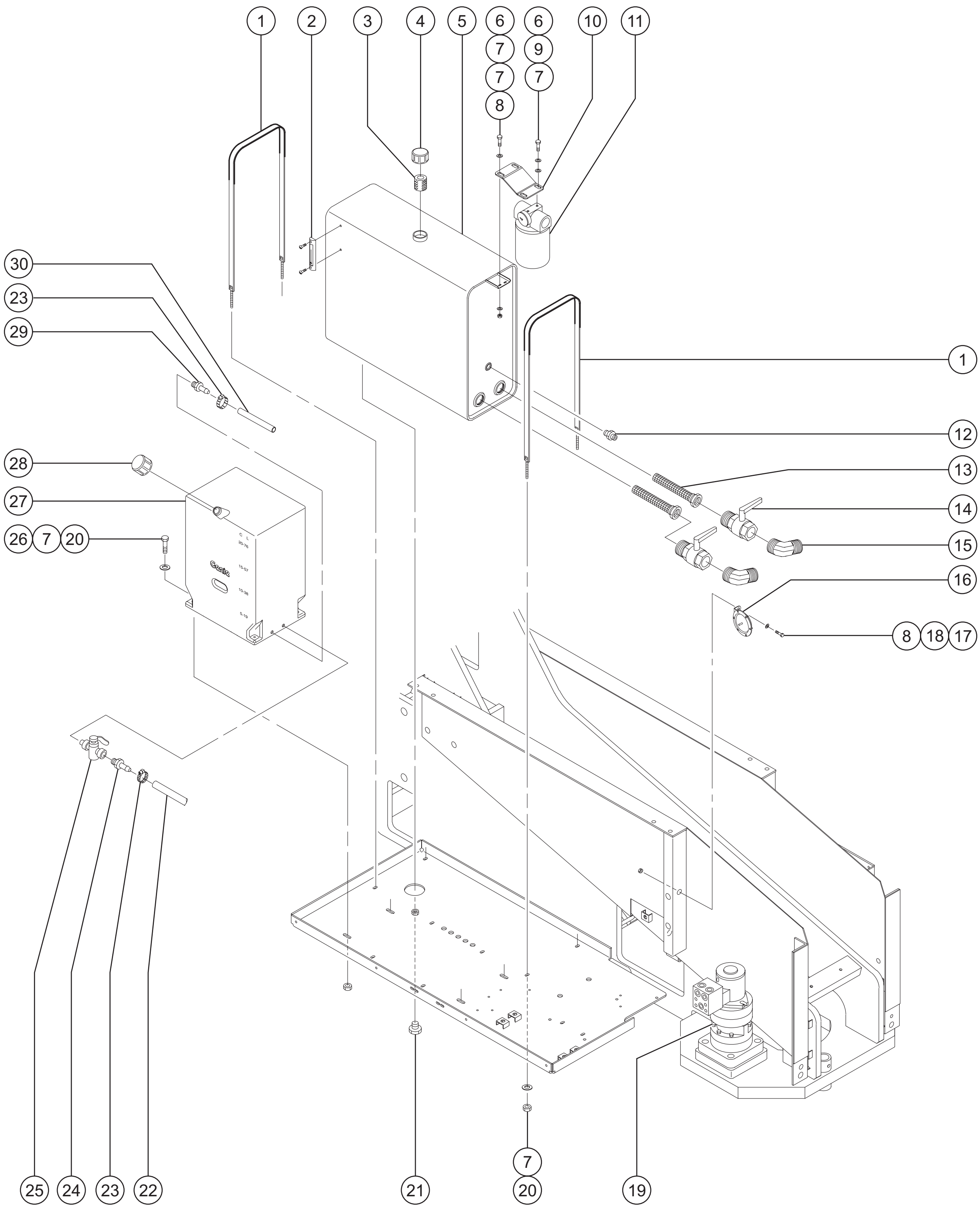


301.1
Hydraulic and Fuel Tanks - Gasoline/LPG Rev D

Item	Part No.	Description	Qty.
1	31524	Tank Strap Assembly	2
—	31658	Rubber Strip, 24 inches	
2	21141	Fluid Level Indicator (includes mounting fasteners)	1
3	31506	Filler Neck Strainer	1
4	53527	Breather/Filler Cap, 3 Micron	1
5	89071	Hydraulic Tank Assembly, 45 gallons / 170.3 liters (includes items 2-4, 13 and 22)	1
6	10107	Screw - HHC, 5/16 -18 x 0.75 inch, GR 5	
7	5397	Flat Washer, 5/16 inch	
8	6782	Nylock Nut, 5/16 -18	
9	6886	Lock Washer, 5/16 inch	
10	60936P	Return Filter Bracket	1
11	60508	Hydraulic Return Filter Assembly with Indicator	1
—	61326	Return Filter Element, 10 Micron	
—	816541	Return Filter Element, 3 Micron	
12	48922	Connector, 6 ORFS x 6 NPTF	1
13	45161	Strainer Assembly, 1.5 inches NPT	2
14	81578	Horn 12V DC	1
15	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
16	6638	Flat Washer, 1/4 inch	
17	Ref.	Turntable Rotator (refer to 304.1)	
18	4828	Nylock Nut, 3/8 -16	
19	6002	Nylock Nut, 5/16 -18	
20	6097	Flat Washer, 3/8 inch	
21	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
22	31507	Magnetic Square Head Plug, 3/4 MPT	1
23	7713	Nylock Nut, 3/8 -16	
24	77219	Fuel Pump	1
—	77181	Rubber Cushioned Clamp	

Item	Part No.	Description	Qty.
25	65892	Connector	2
26	27089	Fuel Line, 5/16 inch	12 inches
27	21465	Hose Clamp, 1/2 inch	6
28	52179	Fuel Pre-filter	1
29	45455	Hose Clamp, 2.75 inches	1
30	19487	Manual Fuel Shut-off Valve	1
31	53023	Fitting, 5/16 inch Barb x 1/4 inch MPT	2
32	71909	Fuel Line, 5/16 inch High Pressure (before serial number 7597)	53 inches
—	71909	Fuel Line, 5/16 inch High Pressure (after serial number 7596)	48 inches
33	8178	Screw - HHC, 3/8 -16 x 2.5 inches, GR 5	
34	46999	Fuel Tank Assembly, with Decals 30 gallons (113.6 liters) (before serial number 7401)	1
—	65610-S	Fuel Tank Assembly, with Decals 20 gallons (75.7 liters) (after serial number 7400)	
35	101727	Red Anti-surge Vented Cap	1
36	27089	Fuel Line, 5/16 inch (before serial number 7597)	80 inches
—	27089	Fuel Line, 5/16 inch (after serial number 7596)	57 inches
37	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
38	53120-S	LPG Tank Mount (before serial number 7401)	1
—	102342	LPG Tank Mount (refer to 808.1) (after serial number 7400)	
39	25967	LPG Hose Assembly (before serial number 7401)	1
—	30275	LPG Hose Assembly (after serial number 7400)	
40	48994	Ball Valve, 16 MPT x 16 FPT	2
41	89403	Elbow, 45°, 16 MPT x 16 ORFS	2

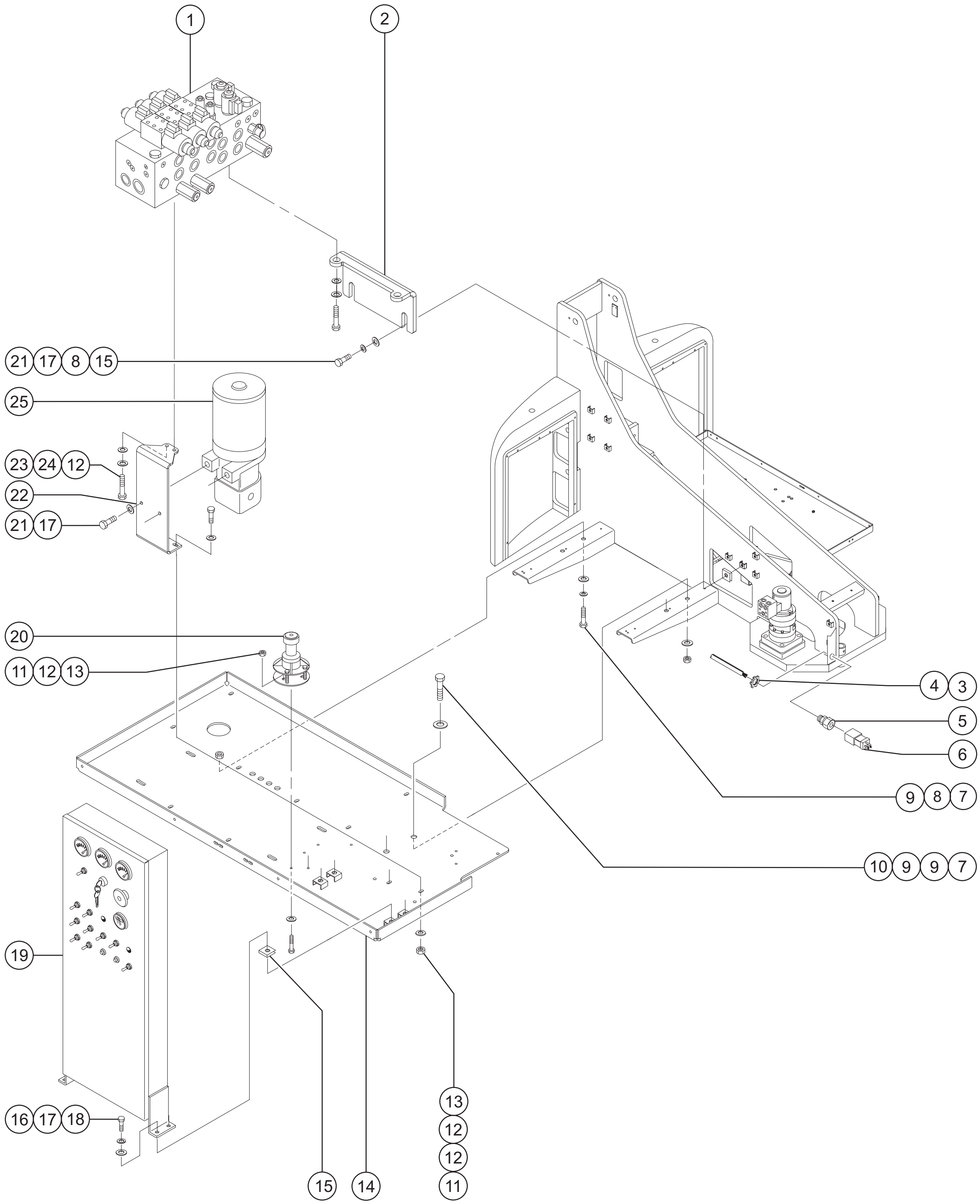
Figure	Rev	Description
302.1	E	Hydraulic and Fuel Tanks - Diesel



302.1
Hydraulic and Fuel Tanks - Diesel Rev E

Item	Part No.	Description	Qty.
1	31524	Tank Strap with Rubber, 66 inches	2
—	31658	Rubber Strip, 24 inches	
2	21141	Fluid Level Indicator (includes mounting fasteners)	1
3	31506	Filler Neck Strainer	1
4	53527	Breather/Filler Cap, 3 Micron	1
5	89071	Hydraulic Tank Assembly, 45 gallons / 170.3 liters (includes items 2-4, 13 and 21)	1
6	10107	Screw - HHC, 5/16 -18 x 0.75 inch, GR 5	
7	5397	Flat Washer, 5/16 inch	
8	6782	Nylock Nut, 5/16 -18	
9	6886	Lock Washer, 5/16 inch	
10	60936P	Return Filter Bracket	1
11	60508	Hydraulic Return Filter Assembly with Indicator	1
—	61326	Return Filter Element, 10 Micron	
—	816541	Return Filter Element, 3 Micron	
12	48922	Connector, 6 ORFS x 6 NPTF	1
13	45161	Strainer Assembly, 1.5 inches NPT	2
14	48994	Ball Valve, 16 MPT x 16 FPT	2
15	89403	Elbow, 45°, 16 MPT x 16 ORFS	2
16	81578	Horn 12V DC	1
17	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
18	6638	Flat Washer, 1/4 inch	
19	Ref.	Turntable Rotator (refer to 305.1)	
20	4828	Nylock Nut, 3/8 -16	
21	31507	Magnetic Square Head Plug, 3/4 MPT	1
22	27089	Fuel Line, 5/16 inch (Perkins 704-30 and Deutz F3L 1011) (Deutz F3L 2011) (before serial number 10833) (Deutz F3L 2011) (after serial number 10832) (Perkins 404-22)	 96 inches 81 inches 97 inches 78 inches
23	21465	Hose Clamp, 1/2 inch	2
24	53023	Fitting, 5/16 inch Barb x 1/4 inch MPT	1
25	19487	Manual Fuel Shut-off Valve	1
26	8178	Screw - HHC, 3/8 -16 x 2.5 inches, GR 5	
27	46999	Fuel Tank Assembly with Decals 30 gallons (113.6 liters) (before serial number 7401)	1
—	65611-S	Fuel Tank Assembly with Decals 20 gallons (75.7 liters) (after serial number 7400)	
28	101726	Anti-surge Vented Cap, Green	1
29	29137	Fitting, 1/4 inch x 1/4 inch MPT	1
30	30490	Fuel Line, 1/4 inch (Perkins 704-30) (Deutz F3L 1011) (Deutz F3L 2011)	 97 inches 97 inches 53 inches
—	35418	Fuel Line, 3/16 inch (Perkins 404-22)	 88 inches

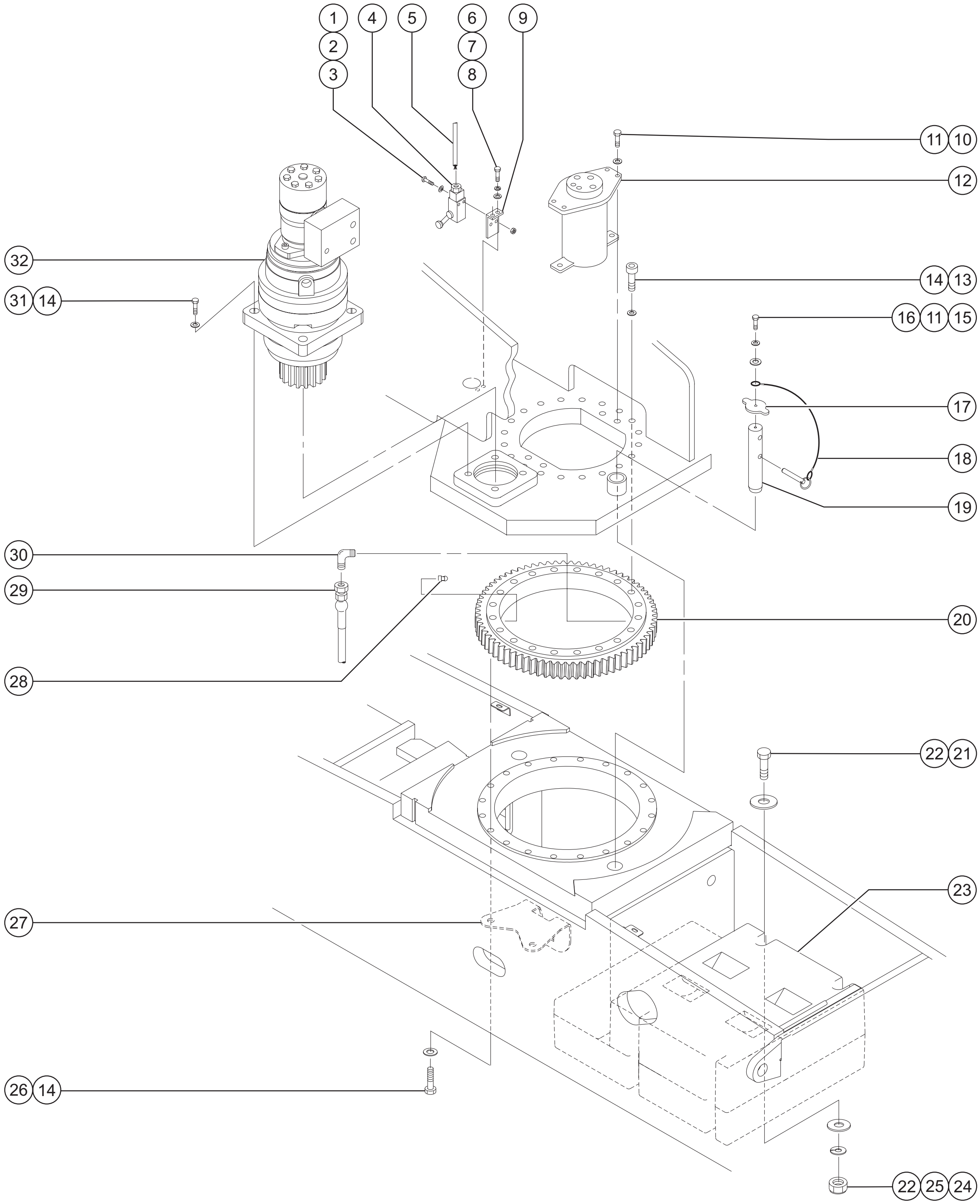
Figure	Rev	Description
303.1	D	Function Manifold, Plug to Platform and Auxiliary Power Unit



303.1
Function Manifold, Plug to Platform and Auxiliary Power Unit Rev D

Item	Part No.	Description	Qty.
1	Ref.	Function Manifold (refer to 701.1)	
2	89074P	Function Manifold Mount	1
3	6935	Electric Locknut, 1/2 inch	1
4	43956	Electrical Cord, 14 Ga., 3 Conductor, (S-40)	828 inches
		(S-45)	888 inches
5	7056	Squeeze Connector, 1/2 inch NPT	1
6	6595	North American Electrical Plug, 110V AC	1
—	12153	British 3 Pin Electrical Plug, 110V AC	
—	6666	European 2 Pin Electrical Plug, 220V AC	
—	25388	British 3 Pin Electrical Plug, 220V AC	
—	65737	Fuse, 13A	
7	29883	Screw - HHC, 5/8 -11 x 1.75 inches, GR 8	3
8	6036	Lock Washer, 5/8 inch	
9	13064	Hardened Flat Washer, 5/8 inch	5
10	6024	Nylock Nut, 5/8 -11	
11	6091	Nylock Nut, 1/4 -20	
12	6638	Flat Washer, 1/4 inch	
13	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
14	30677-S	Tank Tray	1
15	29868	Spring Clip Nut, 3/8 -16	
16	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
17	6021	Lock Washer, 3/8 inch	
18	6097	Flat Washer, 3/8 inch	
19	Ref.	Ground Controls (refer to 305.1 and 306.1)	
20	94077	Level Sensor	1
21	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
22	89439P	Auxiliary Power Unit Mount	1
23	4266	Screw - HHC, 1/4 -20 x 2 inches, GR 5	
24	6356	Lock Washer, 1/4 inch	
25	89617	Auxiliary Power Unit, 12V DC	1
—	77069	Motor, 12V DC	
—	62268	Pump	
—	37187	Seal Kit	
—	77071	Solenoid	
—	37192	Coupler	
—	Ref.	Wire Harness, Battery to APU Solenoid (refer to 311.1)	

Figure	**Rev**	**Description**
304.1	G	Turntable Rotator and Hydraulic Rotary Coupler Installation

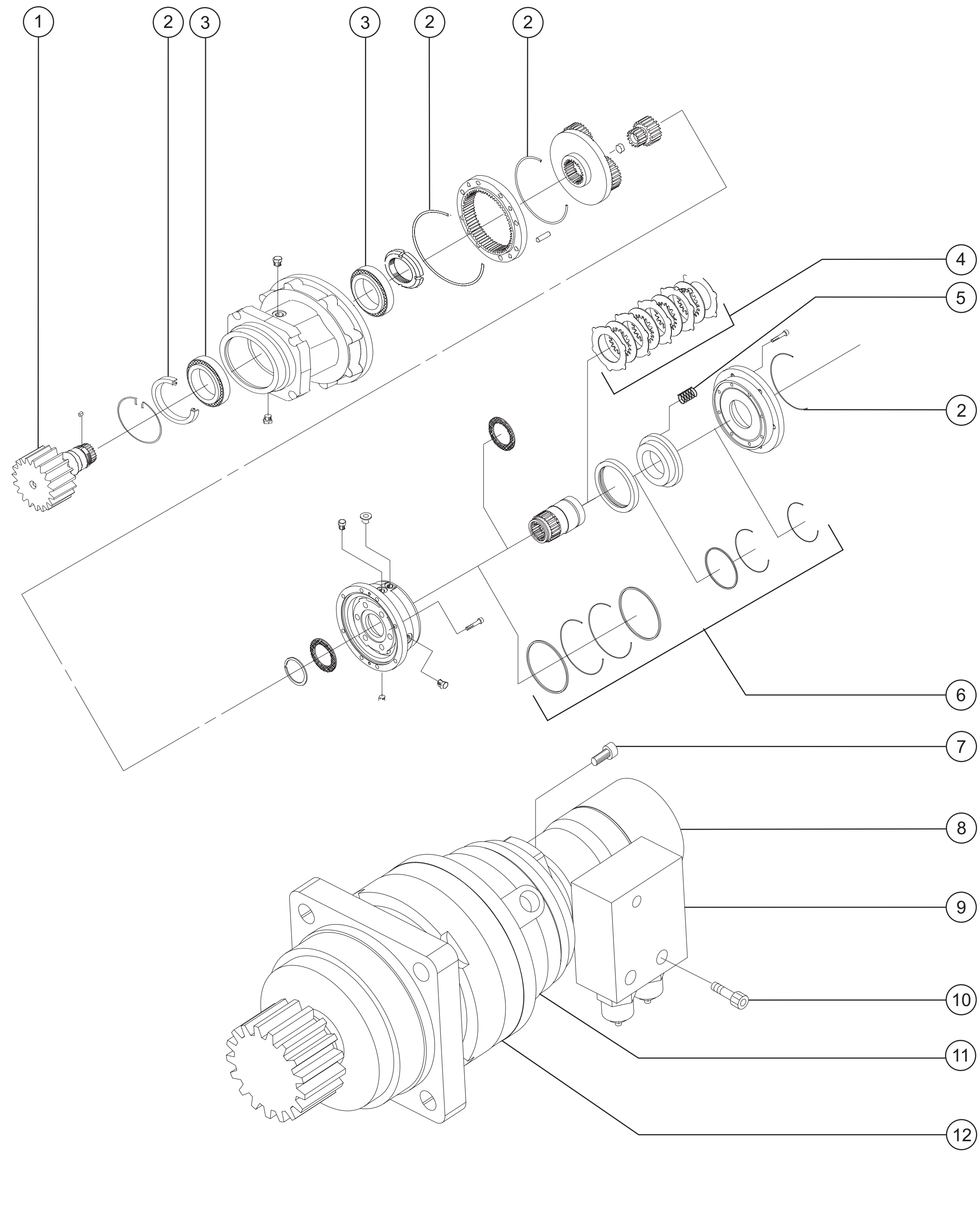


304.1
Turntable Rotator and Hydraulic Rotary Coupler Installation Rev G

Item	Part No.	Description	Qty.
—	Ref.	Harness, Drive Enable Switch (includes item 4 and 5) (refer to 311.1)	
1	22541	Screw - RHM, 10-32 x 1.5 inches	
2	6607	Lock Washer, Plated, #10	
3	6178	Nylock Nut, 10-32	
4	88356-11205	Limit Switch with Roller Arm	1
—	19491	Contact	
—	27643	Roller Arm	
5	1505	Electrical Cord, 16 Ga., 2 Conductor	40 inches
6	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
7	6356	Lock Washer, 1/4 inch	
8	6638	Flat Washer, 1/4 inch	
9	30783P	Limit Switch Mount Bracket	1
10	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
11	6021	Lock Washer, 3/8 inch	
12	89571	Hydraulic Rotary Coupler	1
—	94937	Seal Kit	
13	45495	Screw - SHC, 5/8 -11 x 3 inches, GR 8	20
14	13064	Hardened Flat Washer, 5/8 inch	44
15	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	
16	6097	Flat Washer, 3/8 inch	
17	89064	Pin Retainer Plate	1
18	11637	Pin Retainer with Lanyard	1
19	32731	Turntable Rotation Pin Assembly (includes items 11 and 15-18)	1
20	45031	Turntable Rotation Bearing	1
21	34079	Screw - HHC, 1-8 x 8.5 inches	
22	28476	Flat Washer, 1.25 x 3 x 0.188 inch	
23	53141	Drive Chassis Weight, 1047 lbs (S-45)	2
24	33265	Jam Nut, 1-8	
25	29605	Lock Washer, 1 inch	
26	21175	Screw - SHC, 5/8 -11 x 4 inches, GR 8	20
27	81137	Swivel Stop Bracket	2
28	28646	Fitting	1
29	49189-4638	Hose Assembly - Components: Genie part numbers 48805, 48805, and 48751 @ 44 inches	
30	48887	Fitting	1
31	81110	Screw - HHC, 5/8 -11 x 2 inches, GR 8	4
32	Ref.	Turntable Rotation Drive Hub, Motor and Brake Assembly (refer to 305.1)	

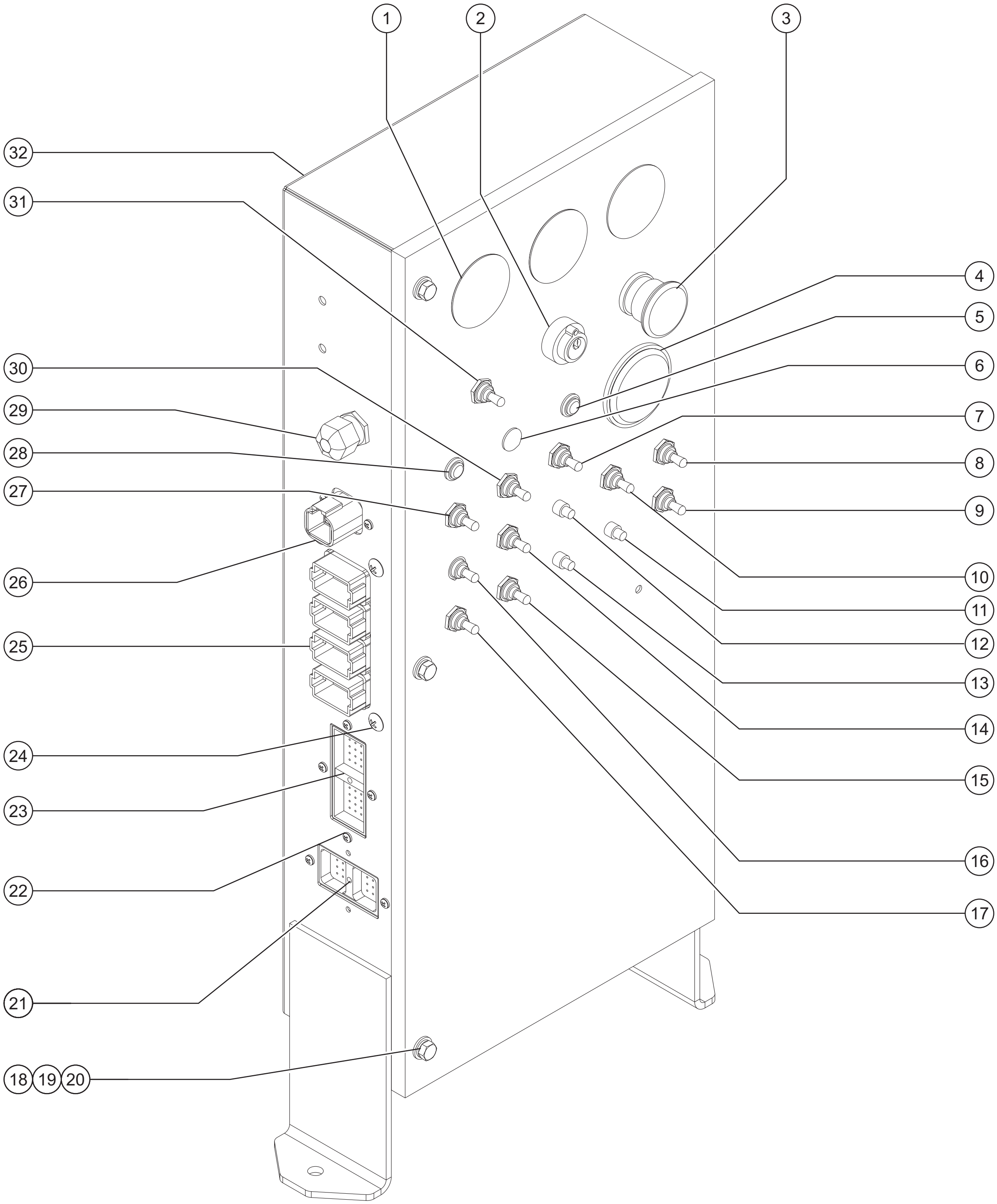
The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	**Rev**	**Description**
305.1	C	Turntable Rotation Drive Hub



Item	Part No.	Description	Qty.
—	81108	Turntable Rotation Drive Hub, Motor and Brake Assembly (before serial number 7154)	
—	89885	Turntable Rotation Drive Hub, Motor and Brake Assembly (after serial number 7153)	
1	75677	Pinion Integral Shaft	1
2	75678	Reducer Seal Kit	1
3	75681	Bearing Kit	1
4	75682	Disc Kit	1
5	75683	Spring Kit	1
6	62466	Brake Seal Kit	1
7	111092	Screw - SHC, M12 x 30mm, GR 12.9	2
8	75684	Swing Drive Motor	1
—	75685	Seal Kit	
9	102680	Turntable Rotation Manifold (includes item 36648) (before serial number 7154)	1
—	75117	Turntable Rotation Manifold (includes item 75118) (after serial number 7153)	
—	36648	Counterbalance Valve, 2500 psi / 172.4 bar (before serial number 7154)	
—	75118	Counterbalance Valve, 3000 psi / 206.8 bar (after serial number 7153)	
—	75119	Seal Kit	
10	41489	Screw - SHC, 5/16 -18 x 2 inches (after serial number 7153)	
11	102680	Turntable Rotation Brake Assembly (before serial number 7154)	1
—	75686	Turntable Rotation Brake Assembly (after serial number 7153)	
12	102682	Torque Hub Swing Assembly	1

Figure	Rev	Description
306.1	B	Ground Control Box - View 1

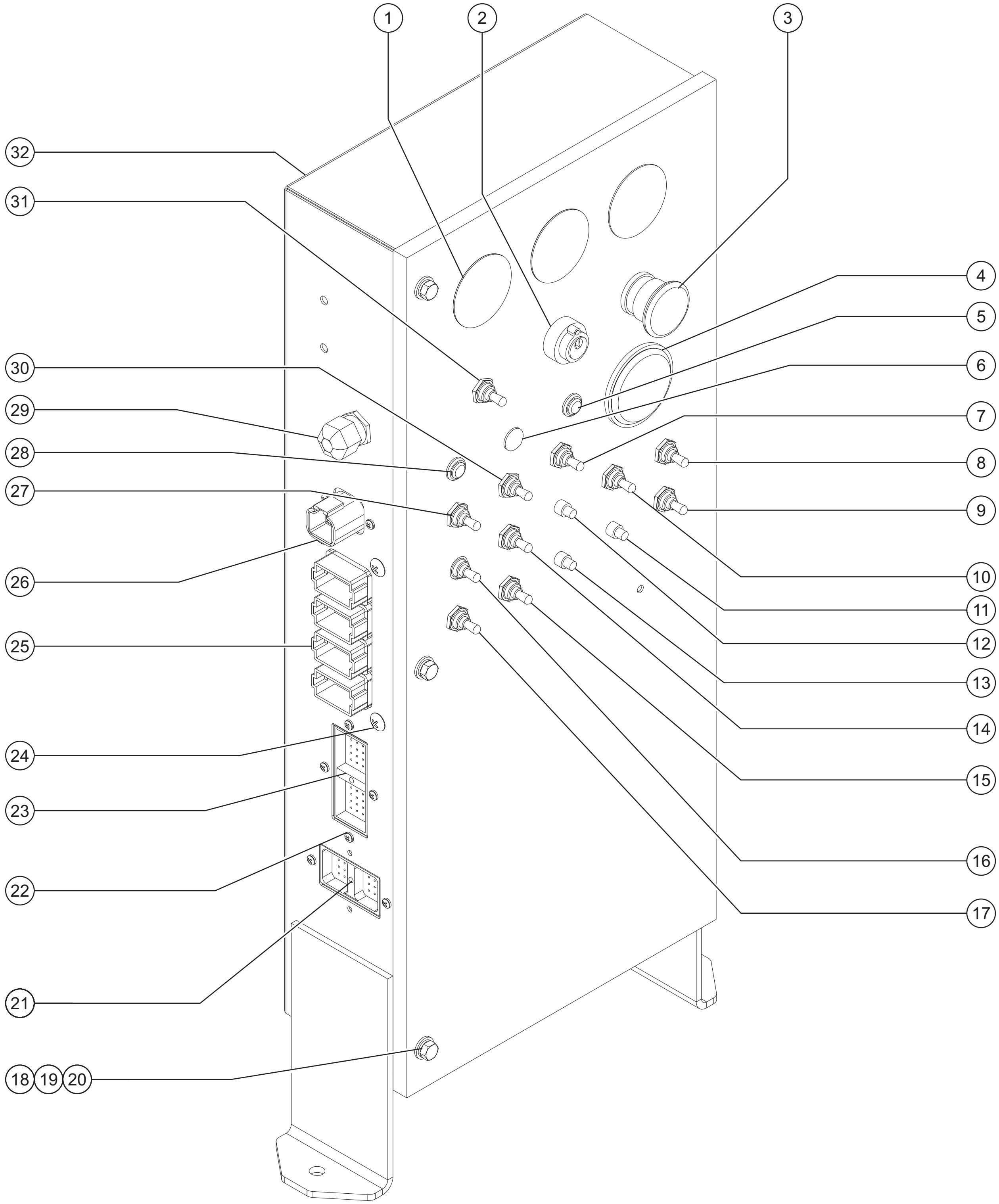


306.1
Ground Controls - View 1 Rev B

Item	Part No.	Description	Qty.
—	89680-S	Ground Control Box Assy (S-40)	
—	89861-S	Ground Control Box Assy (S-45)	
—	110656	Retained Key Option	
—	83131	Key Switch, Retained Key Option	
—	27246	Rubber Boot	
—	54692	Nylon Spacer, 0.718 x 0.526 x 0.219 inch	
1	81900	Nylon Plug, Black Domed, 2.093 inches	3
2	66811	Key Switch, 3 position with Base (includes 1 pair of keys) (before serial number 7190)	1
—	21982	Key (1 key only)	
—	37947	Key (package of 10 keys)	
—	66814	Push Button Base (includes 2 each N.O. contacts)	
—	66816	N.O Contact.	
2	96008	Key Switch, 3 position with Base (includes 1 pair of keys) (after serial number 7189)	1
—	88827	Gasket	
—	83093	Key (includes boot)	
3	66812	Red Push Button with Base	1
—	73805	Push Button Base (includes 2 each N.C. contacts)	
—	66818	N.C. Contact	
4	19506	Hour Meter, 10-80V DC	1
5	56298	Red Light LED, 12V DC (Ford models)	1
—	56848	Lock Washer, LED	
6	45384	Black Plastic Plug, 0.5 inch	1
7	56457-S	Toggle Switch (gasoline/LPG) (Ford models) SPDT, 2 position, Maintained	1
8	13037-S	Toggle Switch (glow plug) (diesel models) SPDT, 3 position, Momentary	1
9	13037-S	Toggle Switch (function enable) SPDT, 3 position, Momentary	1
10	13037-S	Toggle Switch (engine start) SPDT, 3 position, Momentary	1
11	24018	Circuit Breaker, 15A (engine)	1
12	47899	Circuit Breaker, 20A (oil cooler option)	1
13	24018	Circuit Breaker, 15A (controls)	1
14	13037-S	Toggle Switch (jib boom up/down) SPDT, 3 position, Momentary	1
15	13037-S	Toggle Switch (platform level) SPDT, 3 position, Momentary	1
16	16397-S	Toggle Switch (turntable rotate) DPDT, 3 position, Momentary	1
17	16397-S	Toggle Switch (platform rotate) DPDT, 3 position, Momentary	1
18	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
19	6356	Lock Washer, 1/4 inch	
20	6638	Flat Washer, 1/4 inch	
21	73753	Receptacle Connector, 24 way	1
22	49820	Screw - PHM, 6-32 x 0.5 inch	
—	12344	Nylock Nut, 6-32	
23	73754	Receptacle Connector, 40 way	1
24	73803	Screw - SHM, PHP No.12 x 3/4 inch	
25	73736	Receptacle Connector, 48 way	1
26	73717	Receptacle Connector, 4 way, 12-14 Ga.	1
—	73711	Pin Terminal, 12-14	
—	60526	Lock Receptacle 4 way, 12-14 Ga.	
27	16397-S	Toggle Switch (boom up/down) DPDT, 3 position, Momentary	1
28	56298	Red Light LED, 12V DC	1
—	56848	Lock Washer, LED	

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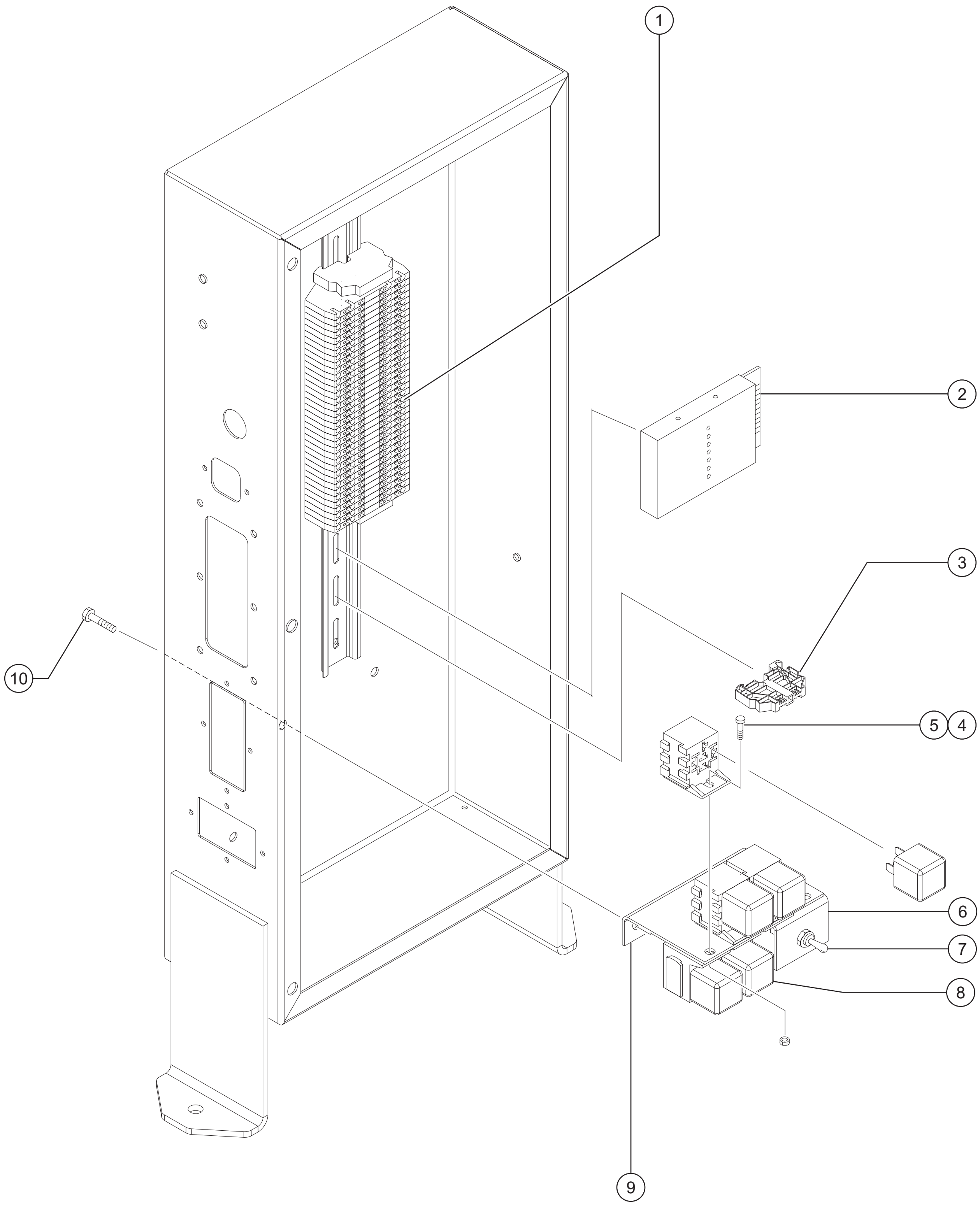
Figure	**Rev**	**Description**
306.1	B	Ground Control Box - View 1



306.1
Ground Controls - View 1 Rev B

Item	Part No.	Description	Qty.
29	7056	Squeeze Connector, 1/2 inch NPT	1
—	6935	Electric Locknut, ½ inch	
30	13037-S	Toggle Switch (boom extend/retract) SPDT, 3 position, Momentary	1
31	13480-S	Toggle Switch (auxiliary power) DPST, 2 position, Momentary	1
32	89838	Ground Control Box Assembly with decals	1
—	30782	Gasket	
—	88176	Nutsert, 1/4 -20	
—	30997	Corrosion Inhibitor	

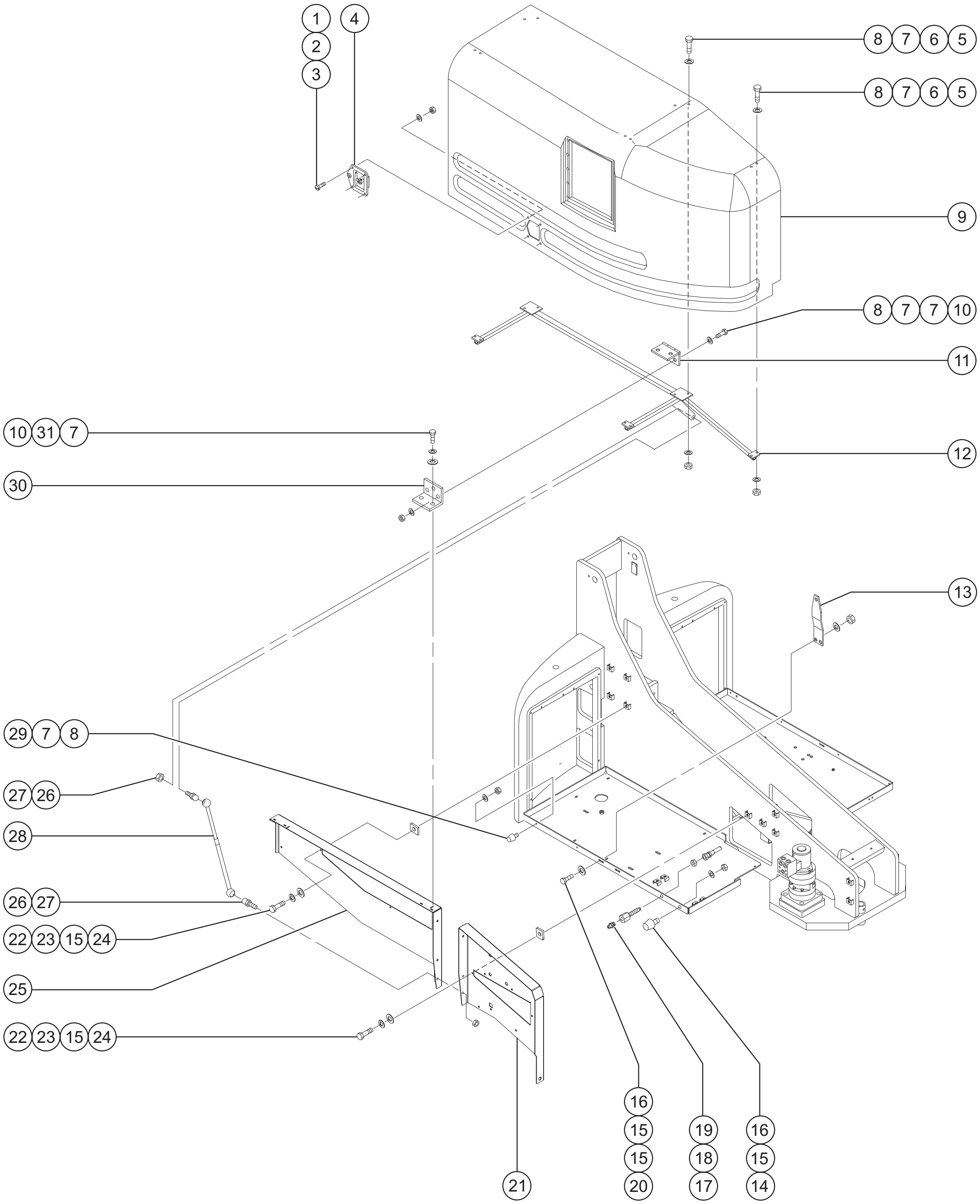
Figure	Rev	Description
307.1	B	Ground Control Box - View 2



307.1
Ground Control Box - View 2 Rev B

Item	Part No.	Description	Qty.
1	89172	Terminal Rail Assembly (includes item 3)	1
—	74911	Terminal Block	
—	33422	Mounting Rail, 17 inches	
—	74912	End Plate	
—	74920	Number Marking Tags, 1-10	
—	74921	Number Marking Tags, 11-20	
—	74922	Number Marking Tags, 21-30	
—	74923	Number Marking Tags, 31-40	
—	74924	Number Marking Tags, 41-50	
2	56057	Start/Ignition Module	1
3	74913	End Stop	2
4	54365	Screw - PHM, 10-32 x 0.5 inch	
5	6178	Nylock Nut, 10-32	
6	49743P	Toggle Switch Mount Bracket	1
7	42730-S	Toggle Switch (run/test) (Ford models) SPDT, 2 position, Momentary	1
8	34052	SPDT Relay, 12V DC (Ford models) (before serial number 7597)	4
—	34052	SPDT Relay, 12V DC (Ford models) (after serial number 7596)	5
—	34052	SPDT Relay, 12V DC (Deutz models)	6
—	34052	SPDT Relay, 12V DC (Perkins models)	6
—	34053	SPDT Relay Socket	as needed
—	34054	Relay Socket Terminal, 10-12 Ga.	
—	34055	Relay Socket Terminal, 14-16 Ga.	
—	34056	Relay Socket Terminal, 18-20	
9	54534	Relay Mount Bracket	1
—	88176	Nutsert $^1/_4$ -20	
10	6090	Screw - HHC, $^1/_4$ -20 x 0.75 inch, GR 5	

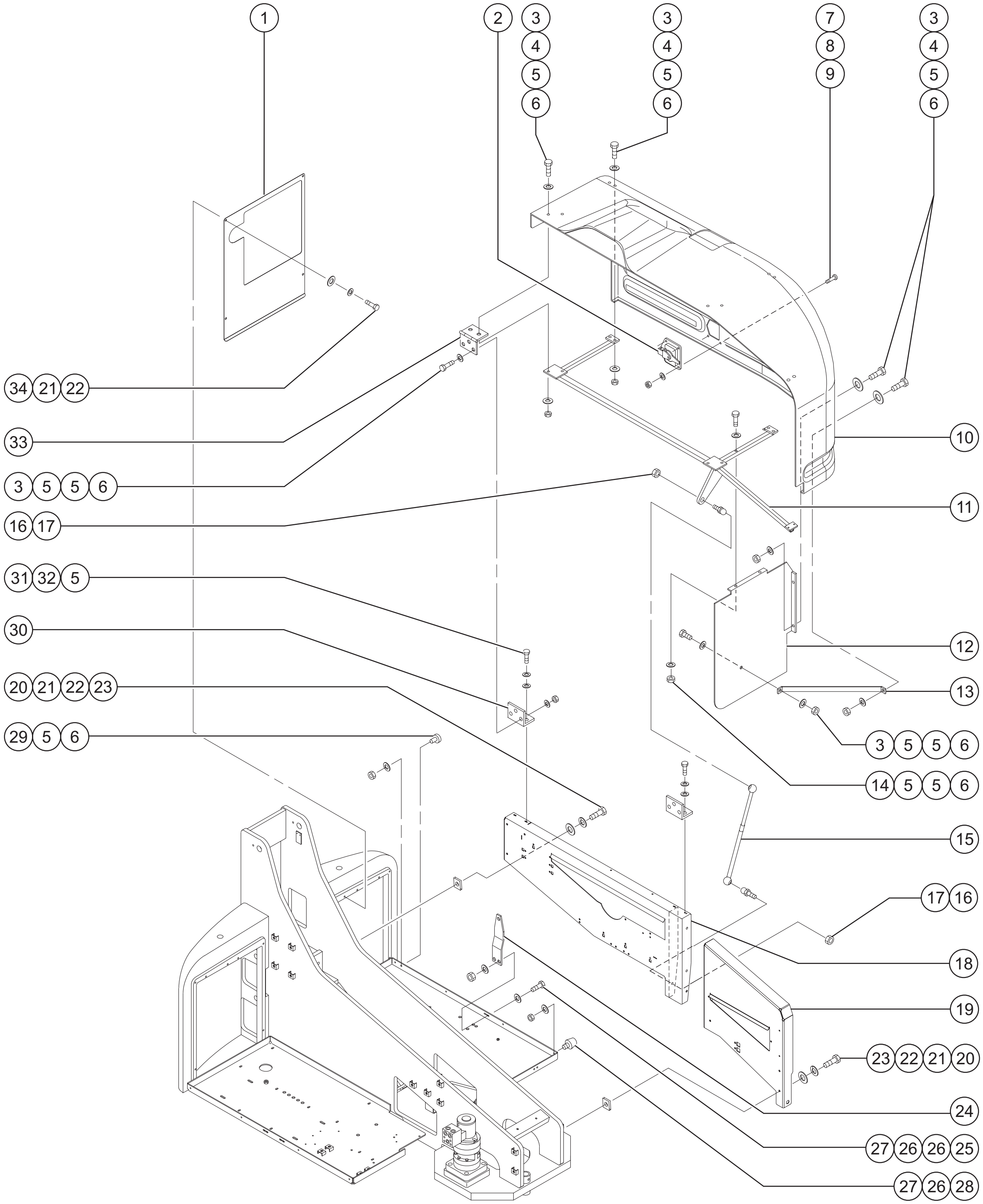
Figure	**Rev**	**Description**
308.1	D	Turntable Covers - View 1 (Tank Side)



308.1
Turntable Covers - View 1 (Tank Side) Rev D

Item	Part No.	Description	Qty.
1	49816	Screw - PHM, 10-32 x 0.75 inch	
2	6146	Flat Washer, Plated, #10	
3	6178	Nylock Nut, 10-32	
4	53903	Turntable Cover Latch	1
—	52293	Key	
5	8915	Screw - HHC, 1/4 -20 x 1.25 inches, GR 5	
6	12906	Fender Washer, 1/4 x 1.25 x 0.062 inch	
7	6638	Flat Washer, 1/4 inch	
8	6091	Nylock Nut, 1/4 -20	
9	65477	Turntable Cover Assembly, Tank Side (before serial number 7190)	1
—	102137	Turntable Cover with Word Decals, Tank Side (from serial number 7190 to 9752)	
—	111327	Turntable Cover with Word Decals, Tank Side (after serial number 9752)	
—	102138	Turntable Cover with Symbol Decals, Tank Side (after serial number 7189)	
10	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
11	75073	Turntable Cover Hinge	2
12	49532-S	Turntable Cover Support, Tank Side	1
13	49535P	Latch Plate (before serial number 10974)	1
—	111583	Latch Plate (after serial number 10973)	
14	30973	Rubber Bumper, with Stud (before serial number 10974)	1
—	111580	Rubber Bumper, with Stud (after serial number 10973)	
15	5397	Flat Washer, 5/16 inch	
16	6782	Nylock Nut, 5/16 -18	
17	28646	Fitting	1
18	48885	Fitting	1
19	49189-4638	Bearing Lubrication Hose Assembly	1
20	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
21	89411	Tank Side Bulkhead, Rear	1
22	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
23	6021	Lock Washer, 3/8 inch	
24	29868	Spring Clip Nut, 3/8 -16	6
25	89408	Tank Side Bulkhead, Front	1
26	33555	Ball Stud, 5/16 -18	2
27	6002	LP Nylock Nut, 5/16 -18	
28	28301	Gas Strut, with Retaining Spring	1
—	27377	Retaining Spring	
29	36388	Rubber Bumper with Stud (before serial number 10974)	1
—	111663	Rubber Bumper, with Stud (after serial number 10973)	
30	74496P	Hinge Mount Bracket	2
31	6356	Lock Washer, 1/4 inch	

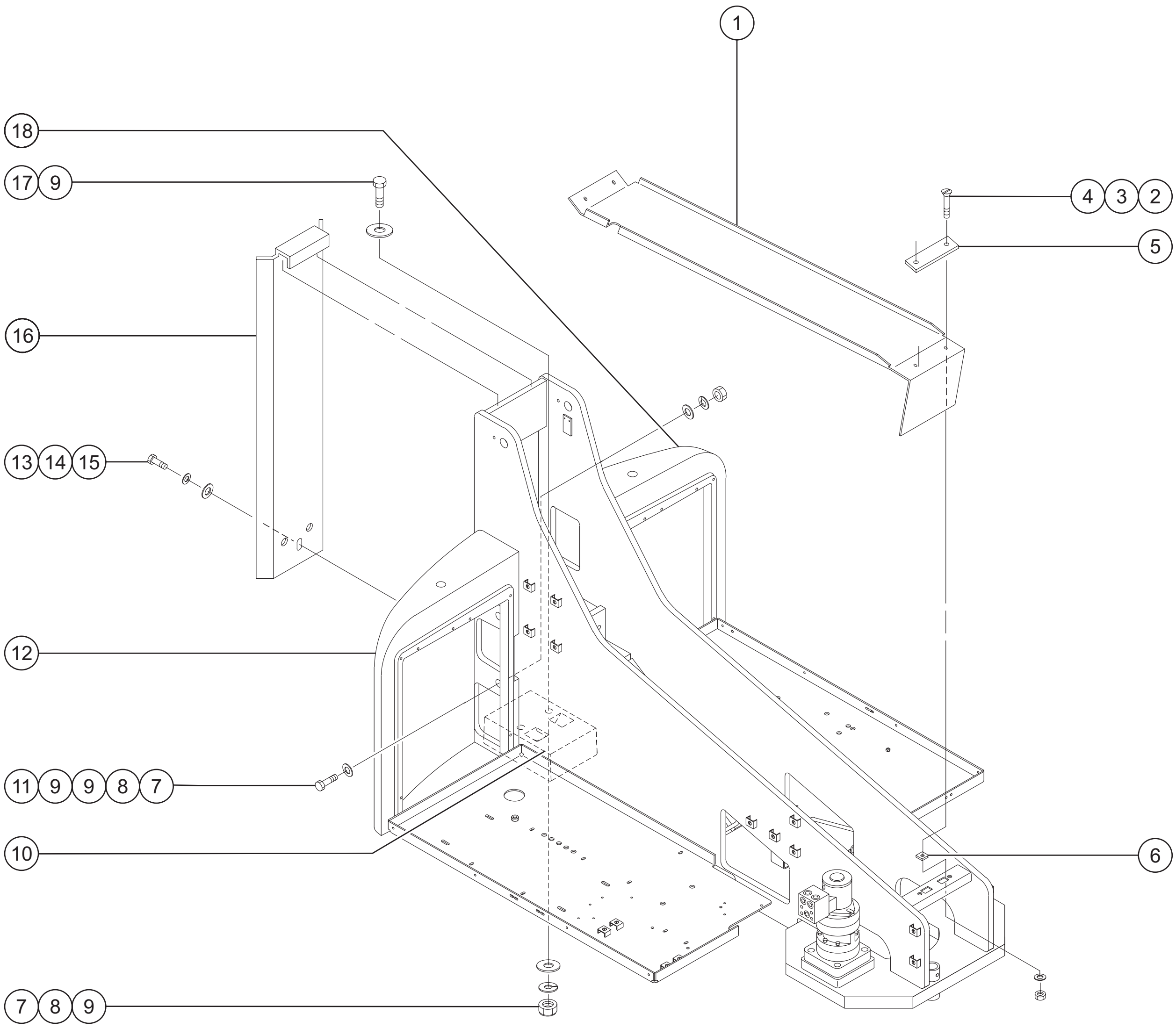
Figure	**Rev**	**Description**
309.1	D	Turntable Covers - View 2 (Engine Side)



309.1
Turntable Covers - View 2 (Engine Side) Rev D

Item	Part No.	Description	Qty.
1	53078P	Air Baffle Plate (Ford models) (before serial number 7597)	
—	63400P	Air Baffle Plate (Perkins models) (before serial number 7472)	
—	53079P	Air Baffle Plate (Deutz models) (before serial number 7544)	
1	89913P	Air Baffle Plate (Ford models) (after serial number 7596)	
—	89929P	Air Baffle Plate (Perkins models) (after serial number 7471)	
—	89912P	Air Baffle Plate (Deutz models) (after serial number 7543)	
2	53903	Turntable Cover Latch	1
—	52293	Latch Key	
3	8915	Screw - HHC, 1/4 -20 x 1.25 inches, GR 5	
4	12906	Fender Washer, 1/4 x 1.25 x 0.062 inch	
5	6638	Flat Washer, 1/4 inch	
6	6091	Nylock Nut, 1/4 -20	
7	49816	Screw - PHM, 10-32 x 0.75 inch	
8	6146	Flat Washer, Plated, #10	
9	6178	Nylock Nut, 10-32	
10	65478	Turntable Cover with Word Decals, Engine Side (Gasoline/LPG models)	1
—	65479	Turntable Cover with Word Decals, Engine Side (Diesel models)	
10	102139	Turntable Cover with Symbol Decals, Engine Side (Gasoline/LPG models)	1
—	102140	Turntable Cover with Symbol Decals, Engine Side (Diesel models)	
11	53882	Turntable Cover Support, Engine Side (before serial number 1048)	1
—	102740	Turntable Cover Support, Engine Side (after serial number 1047)	
12	49537P	Air Baffle (Gasoline/LPG models)	1
13	30894P	Shroud Support (Gasoline/LPG models)	1
14	6637	Screw - HHC, 1/4 -20 x 1.75 inches, GR 5	
15	28301	Gas Strut, with Retaining Spring	1
—	27377	Retaining Spring	
16	6002	Nylock Nut, 5/16 -18	
17	33555	Ball Stud, 5/16 -18	2
18	89412	Engine Side Bulkhead, Front	1
19	89415	Engine Side Bulkhead, Rear	1
20	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
21	6021	Lock Washer, 3/8 inch	
22	6097	Flat Washer, 3/8 inch	
23	29868	Spring Clip Nut, 3/8 -16	6
24	49535P	Latch Plate (before serial number 10974)	1
—	111583	Latch Plate (after serial number 10973)	
25	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
26	5397	Flat Washer, 5/16 inch	
27	6782	Nylock Nut, 5/16 -18	
28	30973	Rubber Bumper, with Stud (before serial number 10974)	1
—	111580	Rubber Bumper, with Stud (after serial number 10973)	
29	36388	Rubber Bumper with Stud (before serial number 10974)	1
—	111663	Rubber Bumper, with Stud (after serial number 10973)	
30	74496P	Hinge Mount Bracket	2
31	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
32	6356	Lock Washer, 1/4 inch	
33	75073	Turntable Cover Hinge	2
34	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	

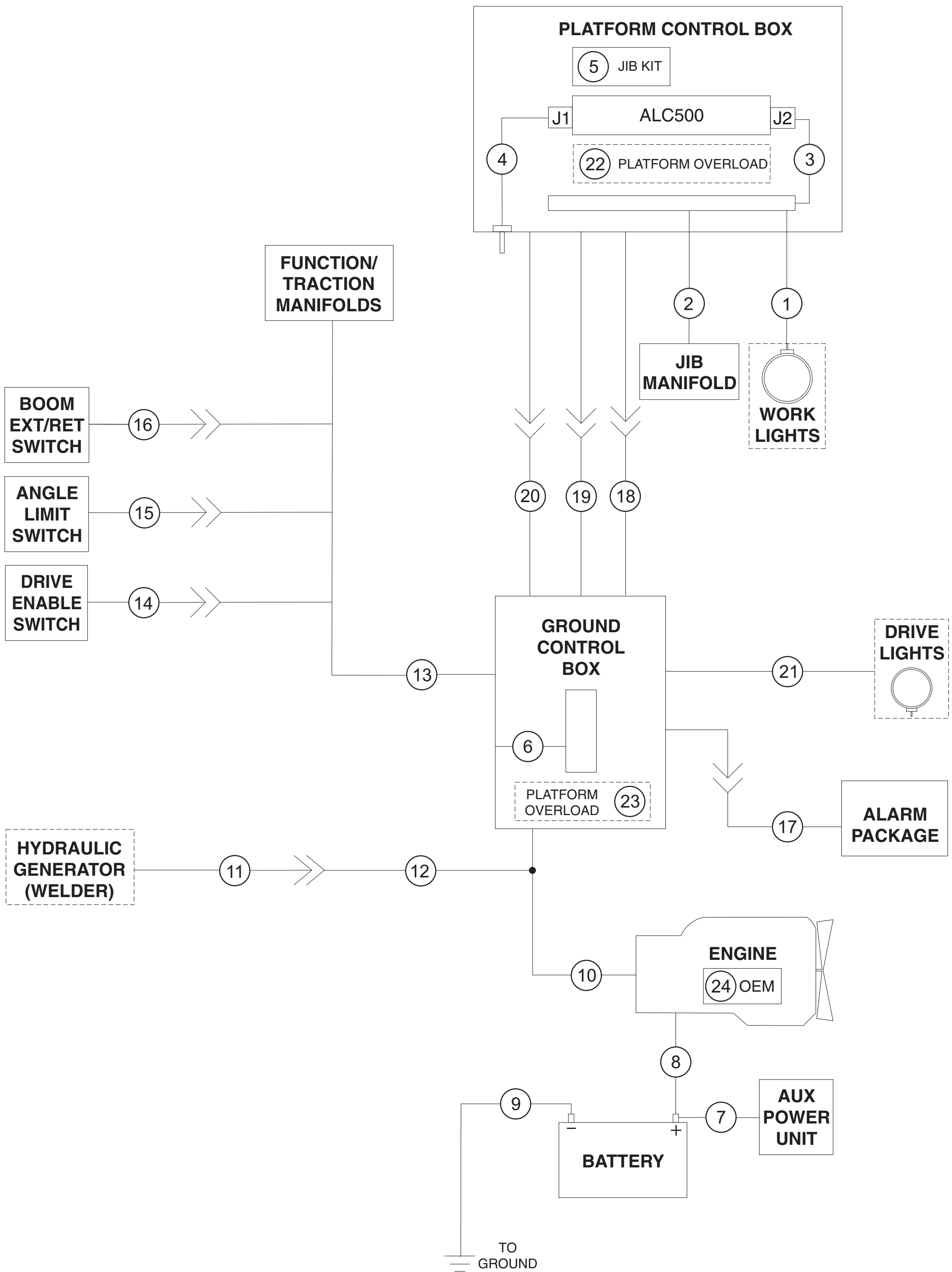
Figure	**Rev**	**Description**
310.1	D	Turntable Covers - View 3



310.1
Turntable Covers - View 3 Rev D

Item	Part No.	Description	Qty.
1	34358P	Turntable Boom Storage Cover	1
2	17712	Screw - FHS, 3/8 -16 x 1.75 inches	
3	5397	Flat Washer, 5/16 inch (before serial number 11635)	
4	4828	Nylock Nut, 3/8 -16 (before serial number 11635)	
5	34370	Wear Pad, 2 x 8 x 0.5 inch	1
6	29868	Spring Clip (after serial number 11634)	2
7	33265	Jam Nut, 1-8	
8	29605	Lock Washer, 1 inch	
9	38859	Flat Washer, 1 x 2.5 x 0.14 inch	
10	53553	Counterweight, 227 lbs (S-45)	1
11	30798	Screw - HHC, 1-8 x 4.5 inches, GR 5	
12	46769	Counterweight, 405 lbs, Tank Side	1
13	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
14	6021	Lock Washer, 3/8 inch	
15	6097	Flat Washer, 3/8 inch	
16	102141	Turntable Front Cover with Decals (S-40)	1
—	102142	Turntable Front Cover with Decals (S-45)	
17	34079	Screw - HHC, 1-8 x 8.5 inches	
18	46768	Counterweight, 405 lbs, Engine Side	1

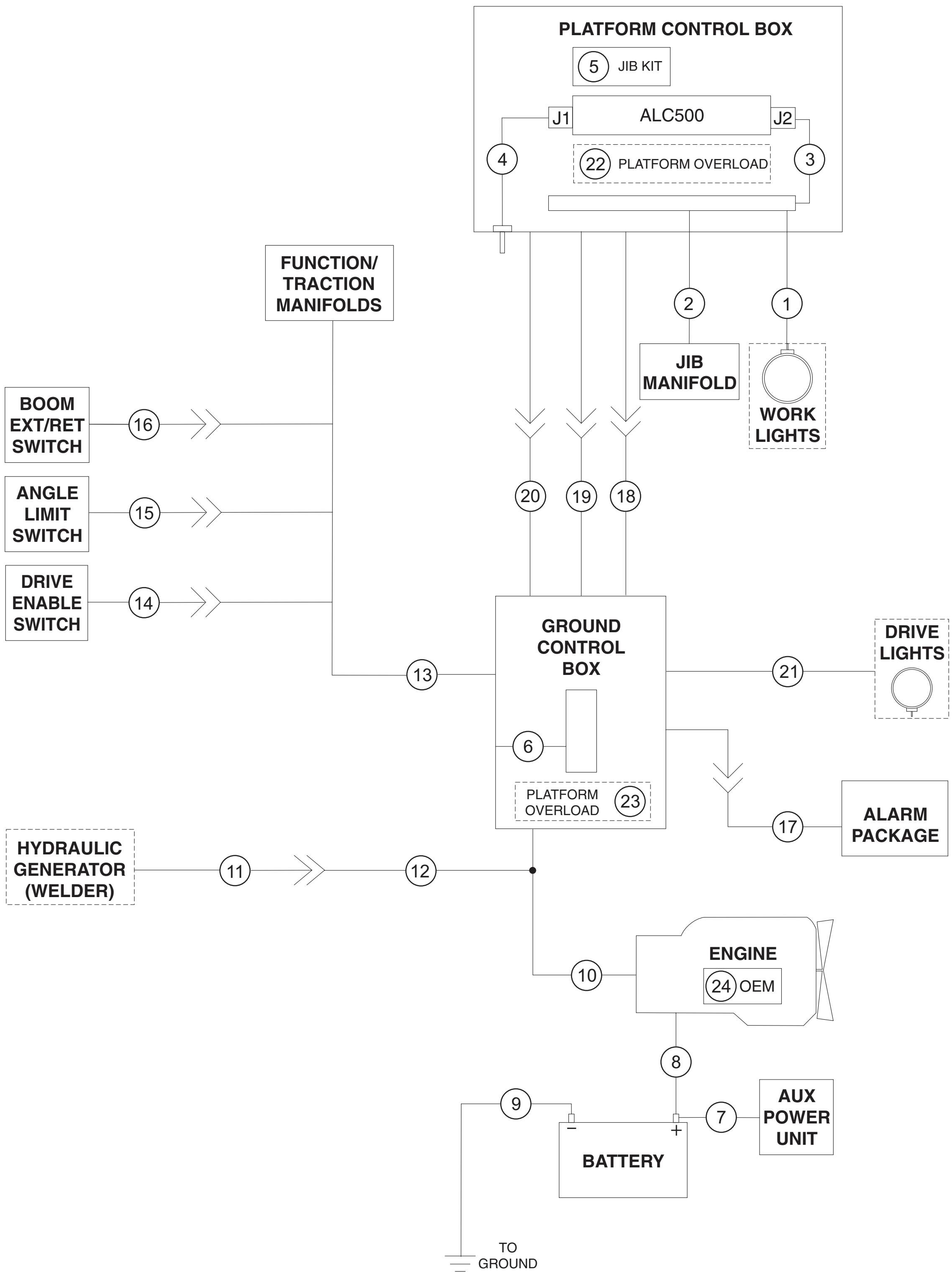
Figure	Rev	Description
311.1	A	Wire Harness and Power Cable Assemblies



Item	Part No.	Description	Qty.
1	73480	Work Light Harness Assembly (option)	1
2	102033	Jib Manifold Harness Assembly (S-45)	1
3	89673	Platform Control Box Harness Assembly	1
4	89067	Platform Joystick Harness Assembly	1
5	89666	Jib Kit Harness Assembly (S-45)	1
6	89677	Ground Control Box Harness Assembly	1
7	89983	Positive Battery Cable Assembly, Battery to APU	1
8	89651	Positive Battery Cable Assembly, Diesel models	1
—	89650	Positive Battery Cable Assembly, Ford models	
9	30892	Negative Battery Cable Assembly, Diesel models and Ford models (before serial number 7597)	1
—	89631	Negative Battery Cable Assembly, Ford models (after serial number 7596)	
10	89661	Engine Harness Assembly, Perkins models (before serial number 7472)	1
—	89942	Engine Harness Assembly, Perkins models (from serial number 7472 to serial number 9558)	
—	111026	Engine Harness Assembly, Perkins models (after serial number 9558)	
10	89660	Engine Harness Assembly, Deutz models (before serial number 7544)	1
—	89999	Engine Harness Assembly, Deutz models (after serial number 7543)	
10	89662	Engine Harness Assembly, Ford models (before serial number 7597)	1
—	102107	Engine Harness Assembly, Ford models (after serial number 7596)	
11	102316	Lincoln Welder Harness Assembly, Pigtail (option)	1
12	102304	Welder Harness Assembly, (option)	1
13	89674	Function Manifold Harness Assembly	1
14	89665	Drive Enable Limit Switch Harness Assembly	1
15	89664	Boom Angle Limit Switch Harness Assembly	1
16	89663	Boom Extend/Retract Limit Switch Harness Assembly	1
17	73479	Alarm Package Harness Assembly (option)	1
18	89657	12V to Platform Harness Assembly (S-40)	1
—	89654	12V to Platform Harness Assembly (S-45)	
19	89658	Boom Cable 1 Harness Assembly (S-40)	1
—	89655	Boom Cable 1 Harness Assembly (S-45)	
20	89659	Boom Cable 2 Harness Assembly (S-40)	1
—	89656	Boom Cable 2 Harness Assembly (S-45)	
21	89692	Drive Light Harness Assembly (option)	1
22	89925	Platform Overload Harness Assembly (option)	1

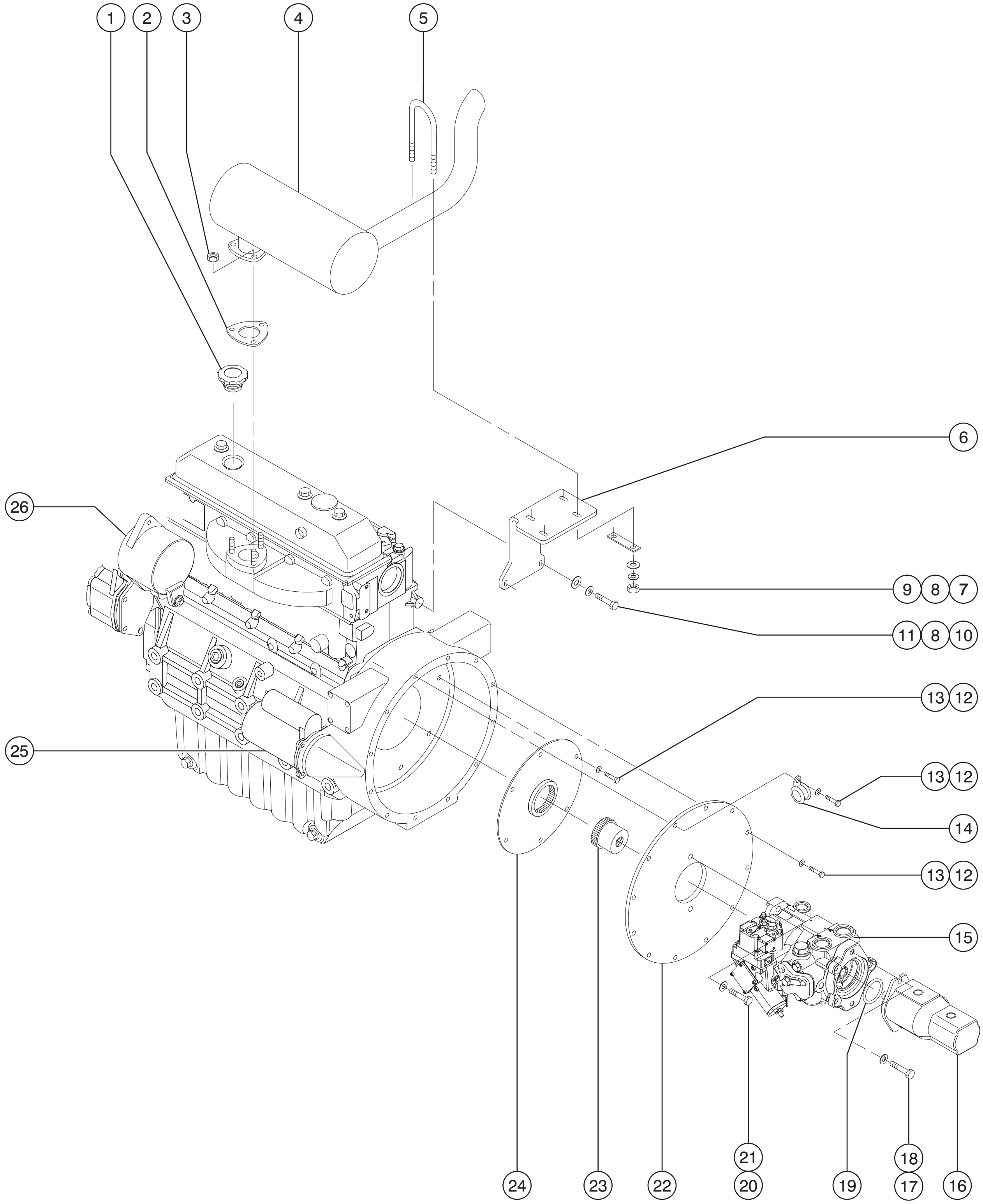
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Figure	Rev	Description
311.1	A	Wire Harness and Power Cable Assemblies



Item	Part No.	Description	Qty.
23	89927	Platform Overlaod Harness Assembly (option) (before serial number 7182	1
—	111152	Platform Overload Harness Assembly (option) (after serial number 7182)	
24	88448	Ford OEM Harness (before serial number 7597)	1
—	106605	Ford OEM Harness (after serial number 7596)	

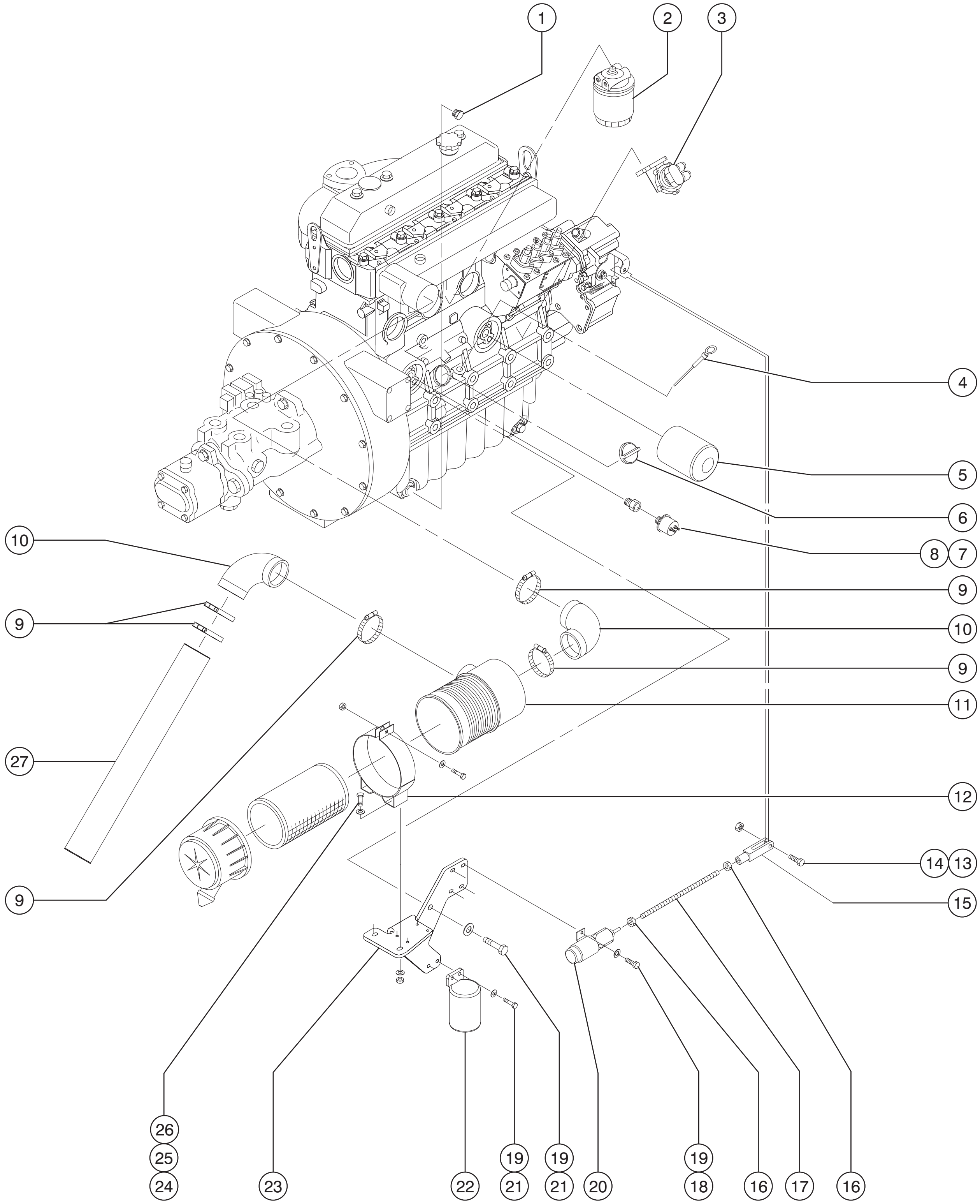
Figure	Rev	Description
401.1	C	Perkins 704-30 Engine - View 1 (before serial number 7472)



401.1
Perkins 704-30 Engine - View 1 (before serial number 7472) Rev C

Item	Part No.	Description	Qty.
—	Ref.	Engine Harness Assembly (refer to 311.1)	
1	65499	Oil Filter Cap	1
2	65503	Muffler Gasket	1
3	65504	Flange Nut, M10	1
4	63313	Muffler	1
5	16584	U-bolt, $^5/_{16}$ -18 x 2.5 inches	1
6	63326P	Exhaust Bracket	1
7	6037	Nut, $^5/_{16}$ -18	
8	6886	Lock Washer, $^5/_{16}$ inch	
9	5397	Flat Washer, $^5/_{16}$ inch	
10	23057	Screw - HHC, M8 -1.25 x 20 mm, GR 8.8	
11	6638	Flat Washer, $^1/_4$ inch	
12	44064	Screw - HHC, M10 -1.5 x 30 mm, GR 8.8	
13	22700	Lock Washer, M10	
14	45454	Rubber Cushioned Clamp, $^1/_4$ inch	1
15	Ref.	Drive Pump (refer to 706.1)	
16	Ref.	Function Pump (refer to 706.1)	
17	6175	Screw - HHC, $^3/_8$ -16 x 1 inch, GR 5	
18	6097	Flat Washer, $^3/_8$ inch	
19	83141	O-ring	1
20	8177	Screw - HHC, $^1/_2$ -13 x 1.5 inches, GR 5	
21	6033	Lock Washer, $^1/_2$ inch	
22	63464P	Pump Mount	1
23	37002	Pump Coupler	1
24	33024	Flexplate	1
25	65495	Starter	1
26	65487	Alternator, 12V DC, 65 A	1

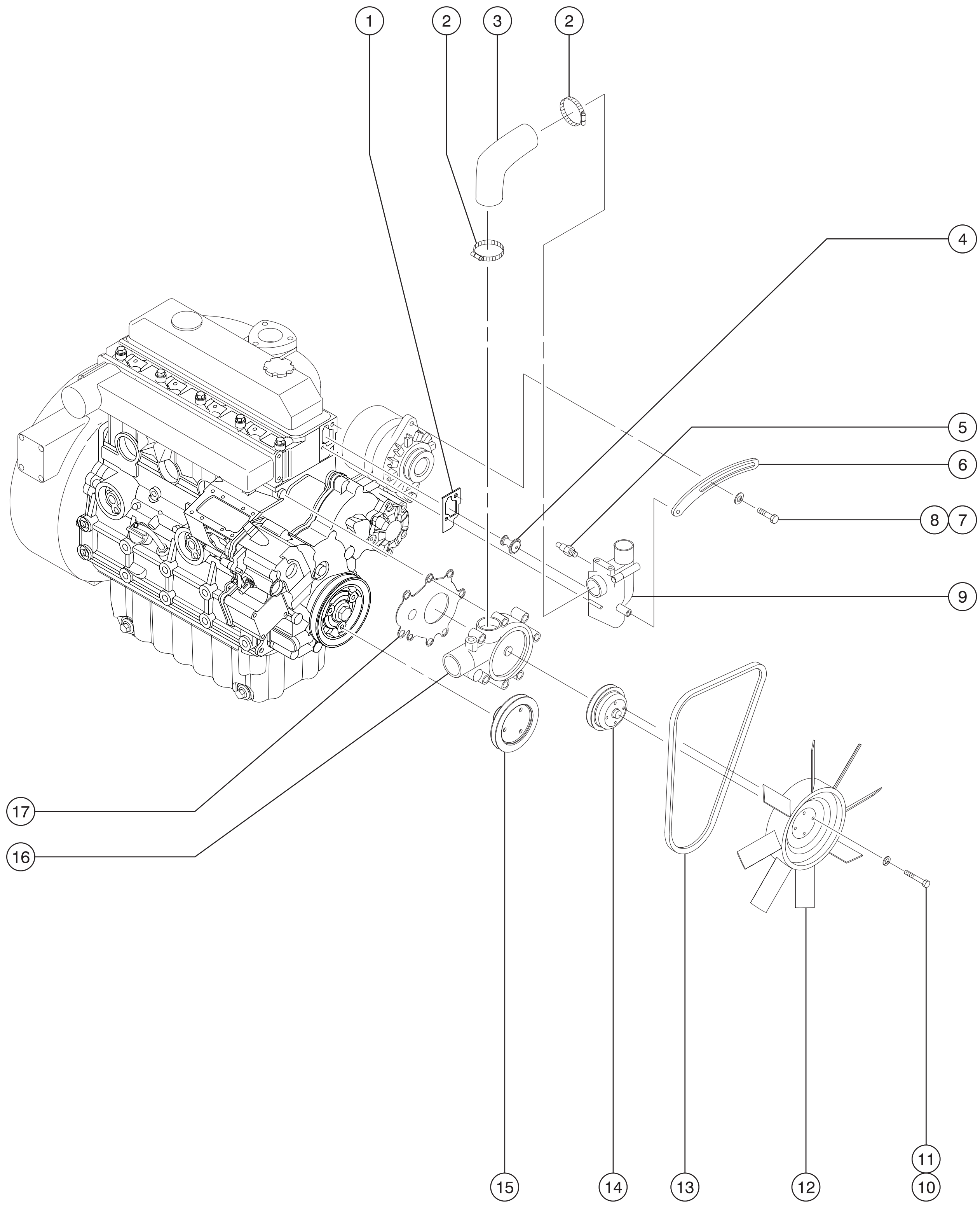
Figure	Rev	Description
402.1	A	Perkins 704-30 Engine - View 2 (before serial number 7472)



402.1
Perkins 704-30 Engine - View 2 (before serial number 7472) Rev A

Item	Part No.	Description	Qty.
1	49517	Engine Oil Drain Plug	1
2	62421	Fuel Filter	1
3	65500	Fuel Lift Pump	1
—	65501	Fitting Kit	
—	53948	Fitting Adapter	
4	65497	Dipstick	1
5	62422	Oil Filter	1
6	65498	Oil Filler Cap	1
7	30810	Oil Pressure Sending Unit	1
8	53951	Female Adapter, 3/4 -16	1
9	53945	Hose Clamp, 3.25 inches	5
10	34164	Elbow Hose, 90°	1
11	63463	Air Filter Housing	1
—	62420	Element - Air Filter	
12	53952	Air Filter Mount Bracket (includes mounting fasteners)	1
13	6584	Shoulder Bolt, 1/4 x 0.625 inch	
14	5365	Nylock Nut, 10-24	
15	21130	Clevis, 1/4 -28	1
16	21496	Nut, 1/4 -28	
17	30785-1000	Threaded Rod, 1/4 -28 x 10 inches	1
18	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
19	6638	Flat Washer, 1/4 inch	
20	29073	2 Speed Solenoid	1
21	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
22	81199	Fuel Filter / Water Separator	1
—	65853	Filter Element	
23	63399P	Air Filter Bracket	1
24	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
25	5397	Flat Washer, 5/16 inch	
26	6782	Nylock Nut, 5/16 -18	
27	34162-3150	Air Intake Hose	1

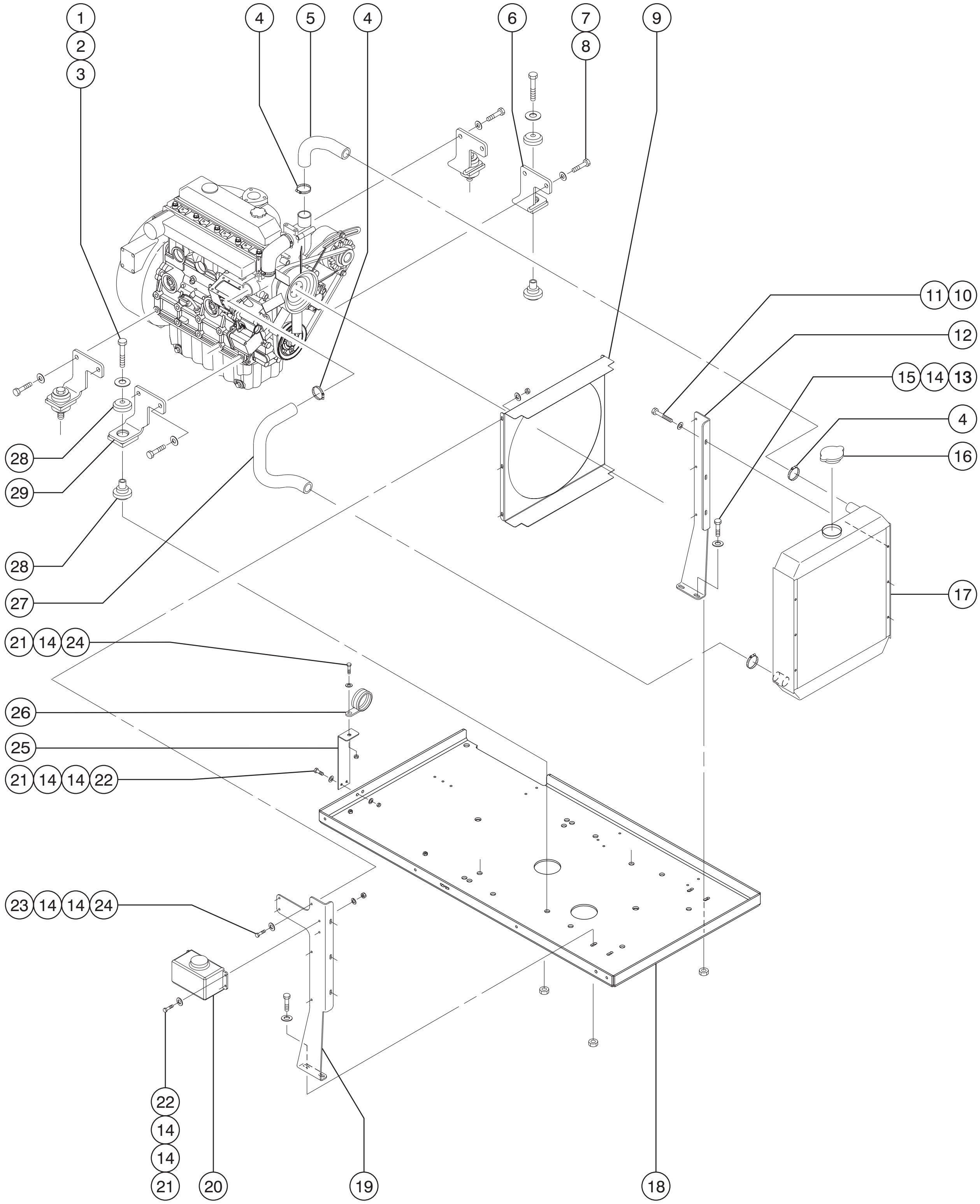
Figure	Rev	Description
403.1	A	Perkins 704-30 Engine - View 3 (before serial number 7472)



403.1
Perkins 704-30 Engine - View 3 (before serial number 7472) Rev A

Item	Part No.	Description	Qty.
1	65505	Thermostat Housing Gasket	1
2	65506	Hose Clamp	2
3	65507	Water Hose	1
4	65493	Thermostat	1
5	34058	Coolant Temperature Sending Unit	1
6	65488	Alternator Adjustment Bracket	1
7	49381	Screw - HHC, M12 -1.75 x 30 mm, GR 8.8	
8	65355	Lock Washer, M12	
9	65494	Thermostat Housing	1
10	67349	Screw - HHC, M8 -1.25 x 50 mm, GR 8.8	
11	49408	Lock Washer, M8	
12	65490	Fan	1
13	62423	V-belt	1
14	102683	Fan Pulley	1
15	65496	Crankshaft Pulley	1
16	65491	Water Pump	1
17	65492	Water Pump Gasket	1

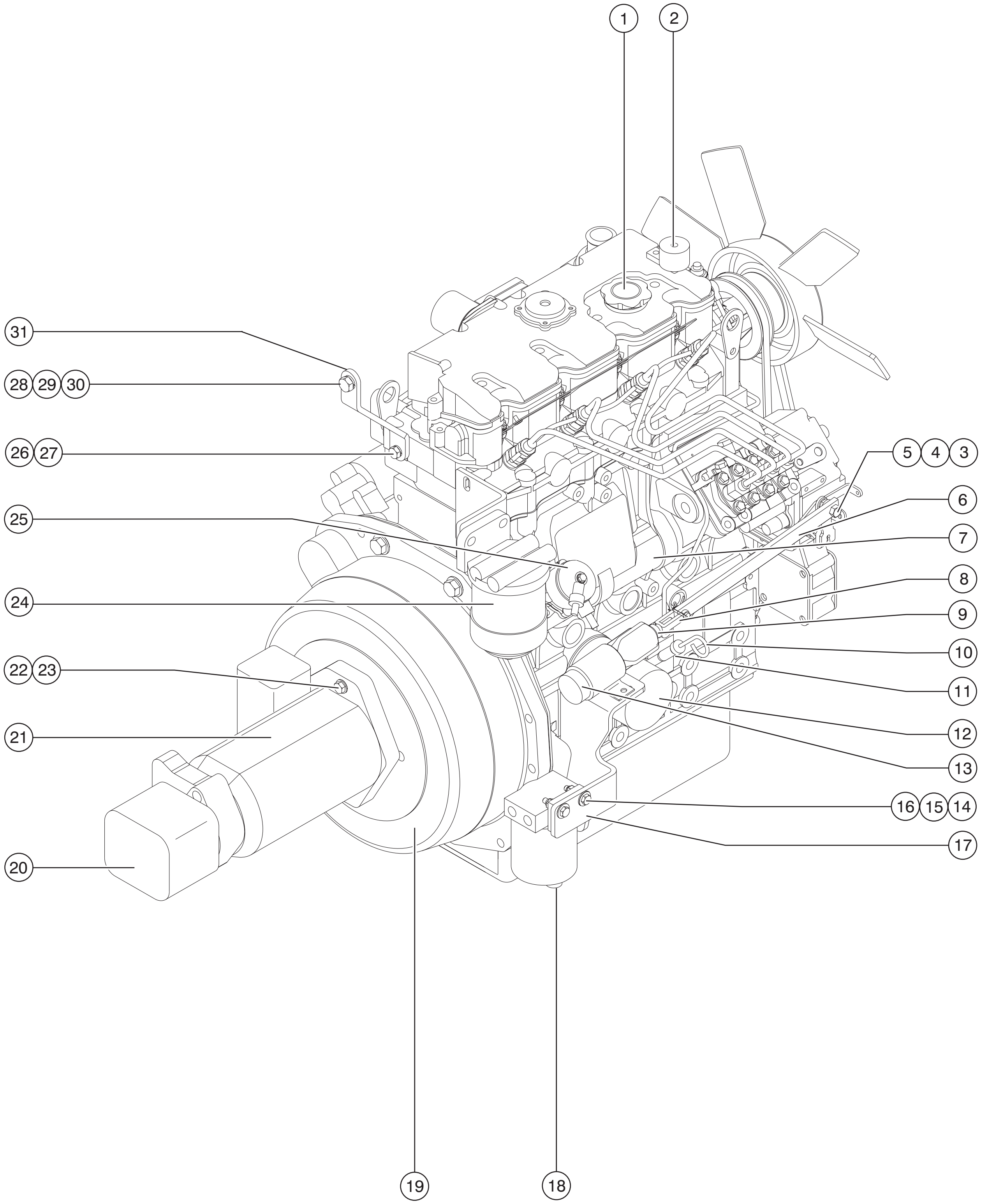
Figure	Rev	Description
404.1	A	Perkins 704-30 Engine - View 4 (before serial number 7472)



404.1
Perkins 704-30 Engine - View 4 (before serial number 7472) Rev A

Item	Part No.	Description	Qty.
1	53909	Screw - HHC, 5/8 -11 x 4 inches, GR 8	4
2	33418	Plate Washer, 5/8 x 2.25 x 0.187 inch	
3	6024	Nylock Nut, 5/8 -11	
4	21465	Hose Clamp, 0.5 inch	4
5	63413	Radiator Upper Hose	1
6	63418	Inboard Engine Mount	1
7	49384	Screw - HHC, M14 -2 x 30 mm, GR 8.8	
8	37505	Lock Washer, M14	
9	63364P	Fan Shroud	1
10	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
11	5397	Flat Washer, 5/16 inch	
12	63362P	Inboard Radiator Mount	1
13	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
14	6638	Flat Washer, 1/4 inch	
15	7713	Nylock Nut, 3/8 -16	
16	65473	Radiator Cap	1
17	63462	Radiator	1
18	Ref.	Engine Tray (refer to 423.1)	
19	63363P	Outboard Radiator Mount	1
20	54071	Coolant Return Tank with Hose	1
—	72327	Return Tank Cap	
21	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
22	6889	Low Profile Nylock Nut, 1/4 -20	
23	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
24	6091	Nylock Nut, 1/4 -20	
25	63457P	Air Intake Bracket	1
26	45455	Rubber Cushioned Clamp, 2.75 inches	1
27	63414	Lower Radiator Hose	1
28	28076	Vibration Isolator	4
29	63419	Outboard Engine Mount	2

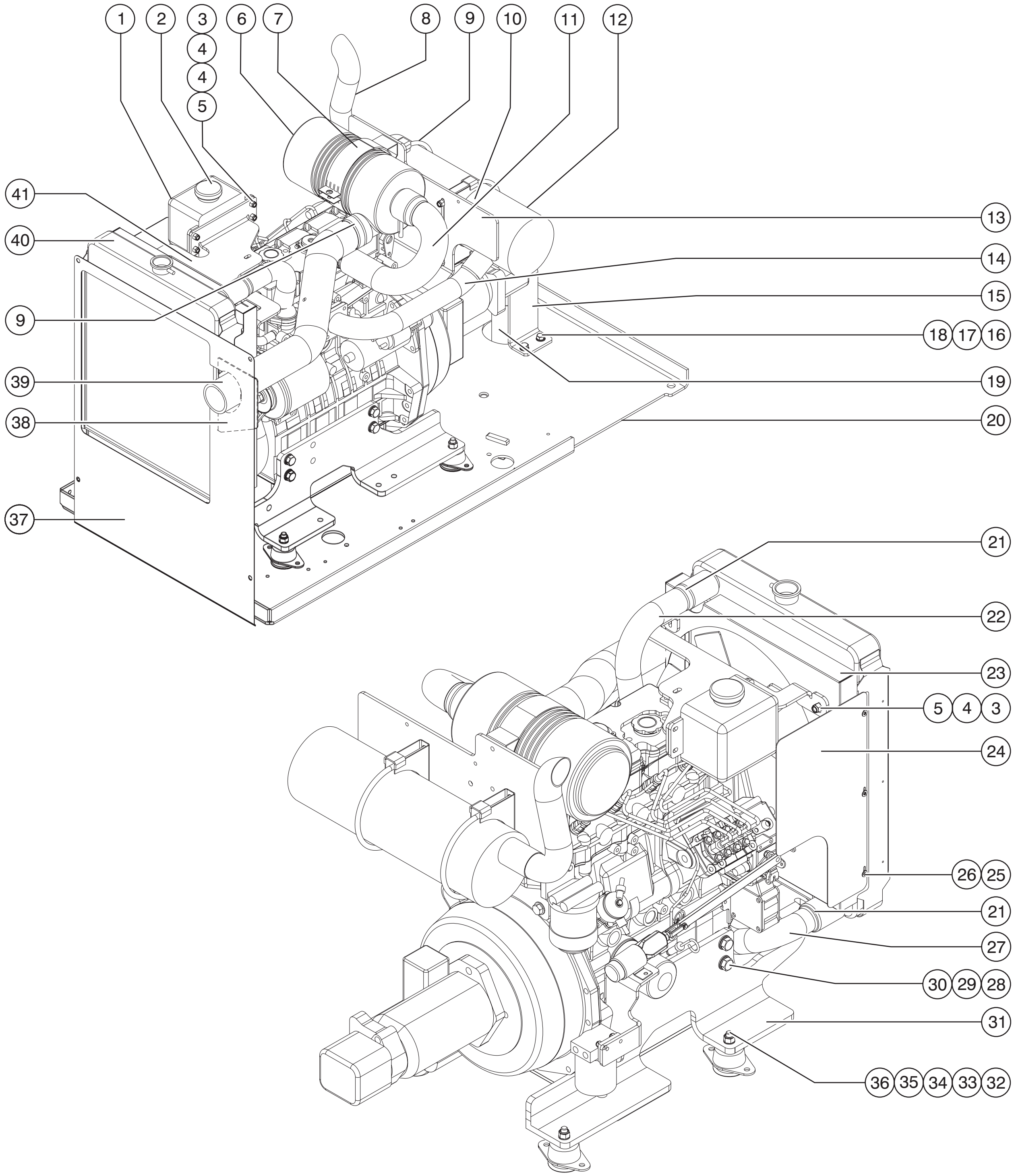
Figure	**Rev**	**Description**
405.1	D	Perkins 404-22 Engine - View 1 (after serial number 7471)



405.1
Perkins 404-22 Engine - View 1 (after serial number 7471) Rev D

Item	Part No.	Description	Qty.
—	77736	Glow Plug	
—	94890	Engine Operator's Manual	
—	Ref.	Engine Harness (refer to 311.1)	
1	89758	Oil Cap	1
2	60585	Isolator, M8	1
3	13022	Screw, HHC, 5/16 -18 x 1 inch	
4	5397	Flat Washer, 5/16 inch	
5	6002	Nylock Nut, 5/16 -18	
6	89953	Throttle Linkage	1
7	72350	Shut-off Solenoid (before serial number 9559)	1
—	111031	Shut-off Solenoid (after serial number 9558)	
8	21130	Clevis, 1/4 -28	1
9	21496	Nut, 1/4 -20	
10	89759	Oil Dipstick	1
11	72337	Oil Pressure Switch (before serial number 9559)	1
—	111027	Oil Pressure Switch (after serial number 9558)	
12	94762	Oil Filter	1
13	77402	Throttle Solenoid	1
14	8915	Screw - HHC, 1/4 -20 x 1.25 inches, GR 5	
15	6638	Flat Washer, 1/4 inch	
16	6091	Nylock Nut, 1/4 -20	
17	94378P	Fuel/Water Separator Bracket	1
18	75020	Fuel/Water Separator	1
—	62433	Filter Element	
19	54573	Bell Housing Kit	1
—	29749	Pump Coupler, 15 Tooth	
—	89771	Pump Mount Housing	
—	89772	Coupler Flex Plate	
—	89773	Hardware Kit	
20	Ref.	Function Pump (refer to 706.1)	
21	Ref.	Drive Pump (refer to 706.1)	
22	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
23	6033	Lock Washer, 1/2 inch	
24	94889	Fuel Filter Assembly	1
—	62421	Filter Element	
25	72348	Fuel Lift Pump	1
—	65912	O-ring	
26	23057	Screw - HHC, M8 -1.25 x 20 mm, GR 8.8	
27	49408	Lock Washer, M8	
28	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
29	6097	Flat Washer, 3/8 inch	
30	4828	Nylock Nut, 3/8 -16	
31	88992P	Muffler Support Bracket	1

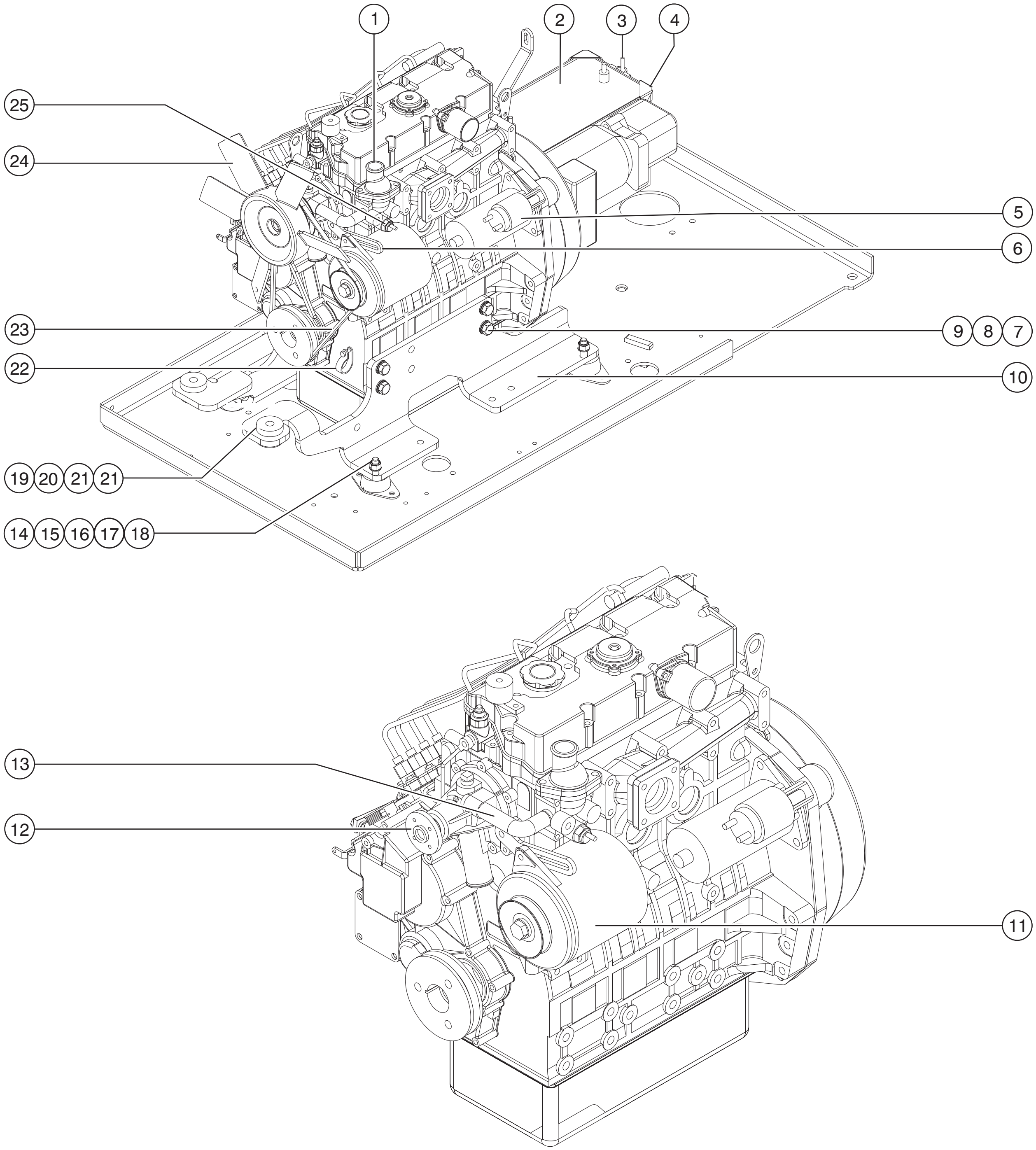
Figure	**Rev**	**Description**
406.1	B	Perkins 404-22 Engine - View 2 (after serial number 7471)



406.1
Perkins 404-22 Engine - View 2 (after serial number 7471) Rev B

Item	Part No.	Description	Qty.
1	54071	Coolant Return Tank with Hose	1
—	6833	Coolant Return Clamp	
2	72327	Return Tank Cap	1
3	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
4	6638	Flat Washer, 1/4 inch	
5	6091	Nylock Nut, 1/4 -20	
6	63463	Air Filter Assembly	1
—	62420	Air Filter Element	
—	6782	Nylock Nut, 5/16 -18	
—	5397	Flat Washer, 5/16 inch	
—	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
7	53952	Air Cleaner Bracket	1
8	89901	Exhaust Tailpipe	1
9	88933	Muffler Strap	2
10	45435	Clamp, 3 inches	3
11	88847	Air Cleaner Outlet Hose	1
12	88841	Muffler	1
—	70385	Clamp, 2 inches	
13	88991P	Muffler Mount	1
14	111390	Exhaust Pipe	1
—	88844	Exhaust Pipe Flange	
—	94888	Exhaust Manifold	
—	72343	Exhaust Manifold Gasket	
—	72344	Stud, M8 x 1.25 x 35 mm	
—	62845	Flanged, Nut, M8	
15	89596P	Medium Pressure Filter Bracket	1
16	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
17	5397	Flat Washer, 5/16 inch	
18	4828	Nylock Nut, 3/8 -16	
19	77139	Medium Pressure Filter Assembly	1
—	60857	Filter Element, 3 micron	
20	Ref.	Engine Tray (refer to 423.1)	
21	13014	Clamp, 2.25 inches	3
22	54578	Upper Radiator Hose	1
23	88990P	Radiator Fan Shroud	1
24	54487P	Fan Guard	1
25	21019	Screw - PHPM, 10-24 x 0.5 inch	
26	6146	Flat Washer, #10	
27	54579	Lower Radiator Hose	1
28	54687	Screw - HHC, M14 -1.5 x 40 mm, GR 8.8	
29	37505	Lock Washer, M14	
30	49411	Flat Washer, M14	
31	88988P	Outboard Engine Mount	1
32	6198	Nylock Nut, 1/2 -13	
33	39479	Screw - HHC, 1/2 -13 x 2.75 inches, GR 5	
34	70452	Engine Vibration Isolator	4
35	80150	Flat Washer, 1/2 inch	
36	102066P	Cast Washer	
37	89929P	Radiator Baffle	1
38	89900P	Intake Hose Support	1
—	21019	Screw - PHPM, 10-24 x 0.5 inch	
—	6146	Flat Washer, #10	
—	6607	Lock Washer, #10	
39	88846	Air Cleaner Inlet Hose	1
40	110304	Radiator	1
—	65473	Radiator Cap	
41	88989P	Upper Radiator Support Bracket	1

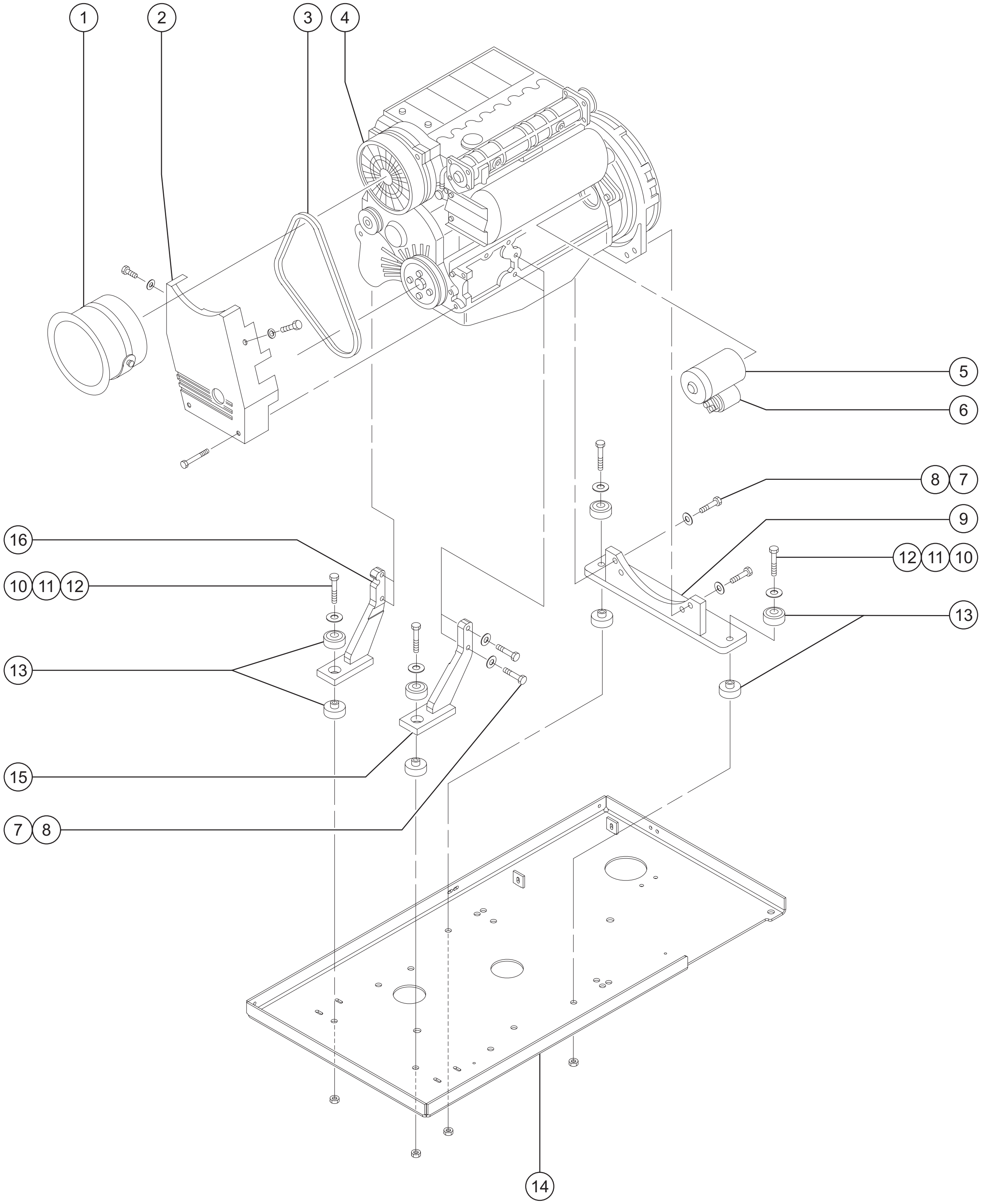
Figure	Rev	Description
407.1	E	Perkins 404-22 Engine - View 3 (after serial number 7471)



407.1
Perkins 404-22 Engine - View 3 (after serial number 7471) Rev E

Item	Part No.	Description	Qty.
1	77476	Thermostat Housing	1
2	Ref.	Battery (refer to 423.1)	
3	8170	Wing Nut, 1/4 -20	2
—	6638	Flat Washer, 1/4 inch	
—	45704	Threaded Rod, 10 inches	
4	30144	Battery Hold Down	1
5	72335	Starter	1
—	77479	Starter Solenoid	
6	89762	Alternator Bracket	1
7	54687	Screw - HHC, M14 -1.5 x 40 mm, GR 8.8	
8	37505	Lock Washer, M14	
9	49411	Flat Washer, M14	
10	88987P	Inboard Engine Mount	1
11	72342	Alternator, 13.8V DC, 55 A (before serial number 9559)	1
—	111029	Alternator, 13.8V DC, 65 A (after serial number 9558)	
12	89763	Water Pump	1
—	77482	Water Pump Pulley	
13	89764	Water Pump Hose	1
14	6198	Nylock Nut, 1/2 -13	
15	39479	Screw - HHC, 1/2 -13 x 2.75 inches, GR 5	
16	70452	Engine Vibration Isolator	4
17	80150	Flat Washer, 1/2 inch	
18	102066P	Cast Washer	
19	6097	Flat Washer, 3/8 inch	
20	4828	Nylock Nut, 3/8 -16	
21	24038	Vibration Isolator	4
22	6653	Clamp, 1.88 inches	1
23	89765	V-belt	1
24	77483	Fan	1
—	94886	Fan Spacer	
25	72339	Water Temperature Switch (before serial number 9559)	1
—	111028	Water Temperature Switch (after serial number 9558)	

Figure	Rev	Description
408.1	C	Deutz F3L 1011F Engine - View 1 (before serial number 7544)

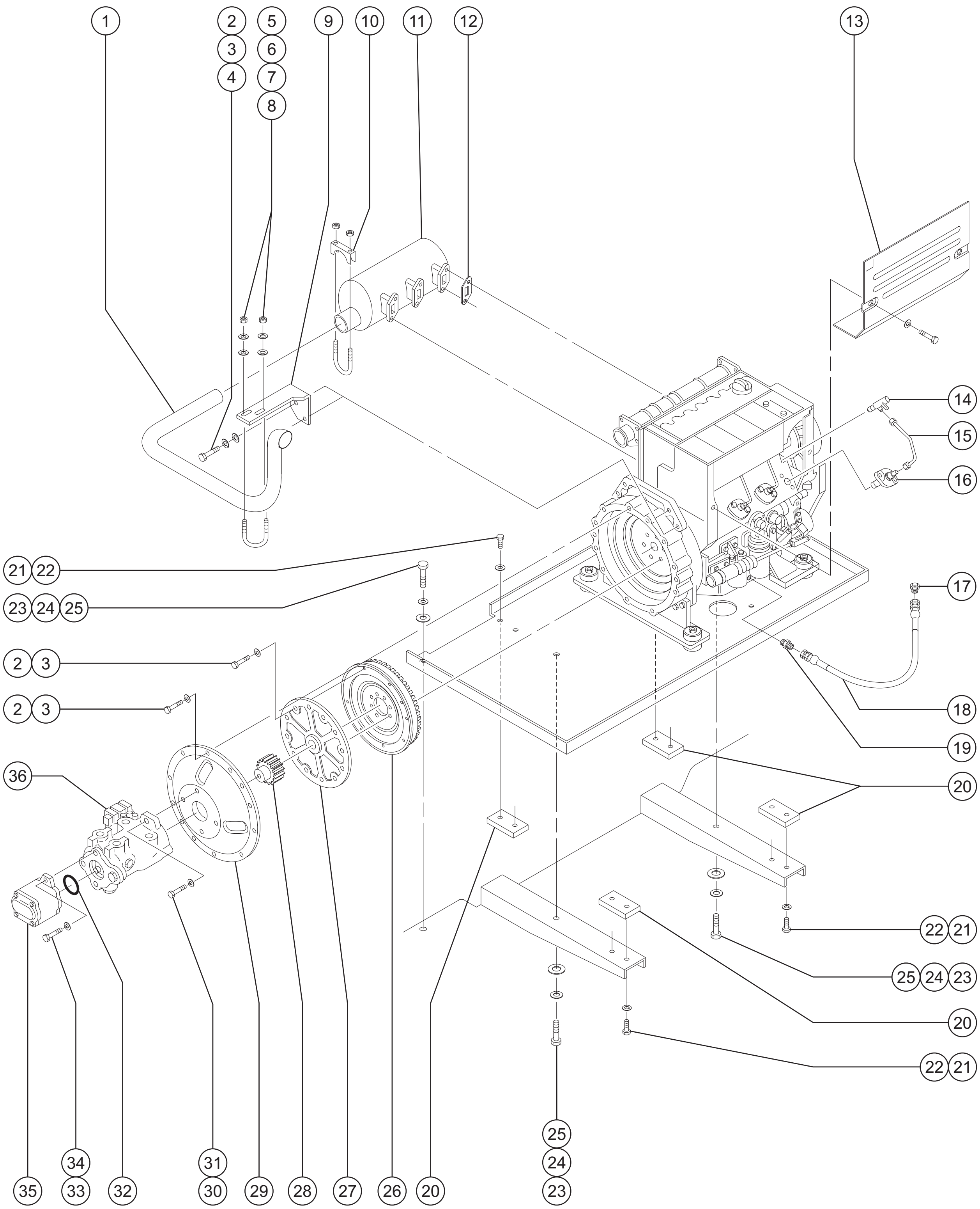


408.1

Deutz F3L 1011F Engine - View 1 (before serial number 7544) Rev C

Item	Part No.	Description	Qty.
—	Ref.	Engine Harness (refer to 311.1)	
1	111343	Fan Guard Assembly with Word Decals	1
—	35498	Fan Guard Assembly	
2	29555	Engine Pulley Cover	1
3	32698	V-belt	1
4	35586	Alternator	1
5	37950	Starter	1
6	49915	Starter Solenoid	1
7	89259	Screw - HHC, M14 x 2 x 55 mm, GR 8.8	
8	37505	Lock Washer, M14	
9	89529	Engine Mount	1
10	53909	Screw - HHC, 5/8 -11 x 4 inches, GR 8	4
11	33418	Plate Washer, 5/8 x 2.25 x 0.187 inch	
12	6024	Nylock Nut, 5/8 -11	
13	28076	Shock Mount, Red & White	8
14	Ref.	Engine Tray (refer to 423.1)	
15	89527	Inboard Engine Mount	1
16	89528	Outboard Engine Mount	1

Figure	Rev	Description
409.1	B	Deutz F3L 1011F Engine - View 2 (before serial number 7544)

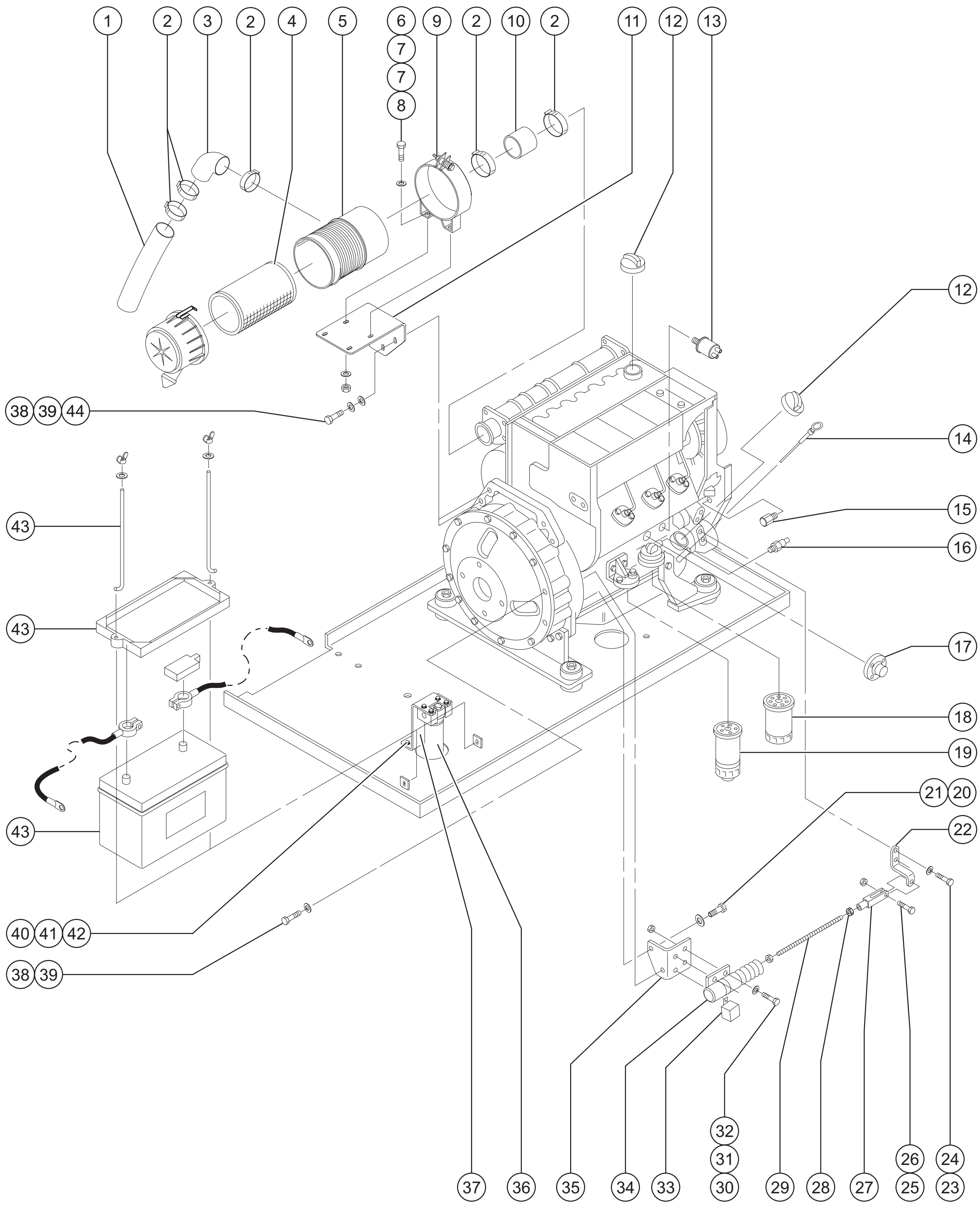


409.1
Deutz F3L 1011F Engine - View 2 (before serial number 7544) Rev B

Item	Part No.	Description	Qty.
1	34551	Exhaust Pipe	1
2	44064	Screw - HHC, M10 -1.5 x 30 mm, GR 8.8	
3	22700	Lock Washer, M10	
4	6097	Flat Washer, 3/8 inch	
5	6037	Nut, 5/16 -18	
6	6886	Lock Washer, 5/16 inch	
7	5397	Flat Washer, 5/16 inch	
8	16584	U-bolt, 5/16 -18 x 2.5 inches	1
9	30674-S	Exhaust Pipe Support Bracket	1
10	30438	Muffler Clamp, 2.125 inches	1
11	32695	Muffler	1
12	29559	Exhaust Gasket	3
13	52353	Engine Side Cover	1
14	49919	Fuel Injector	1
15	49921	Injector Fuel Line	3
16	49929	Injector Pump	1
17	49517	Male Plug	1
18	49135-3389-S	Hose Assembly - Components: Genie part numbers 48812, 48819 and 48753 @ 32 inches	1
19	48884	Fitting	1
20	45209	Wear Pad, 4 x 2 x 0.5 inch	4
21	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
22	6356	Lock Washer, 1/4 inch	
23	29883	Screw - HHC, 5/8 -11 x 1.75 inches, GR 8	4
24	6036	Lock Washer, 5/8 inch	
25	13064	Flat Washer, 5/8 inch	
26	49917	Ring Gear	1
27	33024	Flexplate	1
28	37003	Pump Coupler	1
29	30806	Pump Mount Plate	1
30	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
31	6033	Lock Washer, 1/2 inch	
32	83141	O-ring	1
33	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
34	6021	Lock Washer, 3/8 inch	
35	Ref.	Function Pump (refer to 706.1)	
36	Ref.	Drive Pump (refer to 706.1)	

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

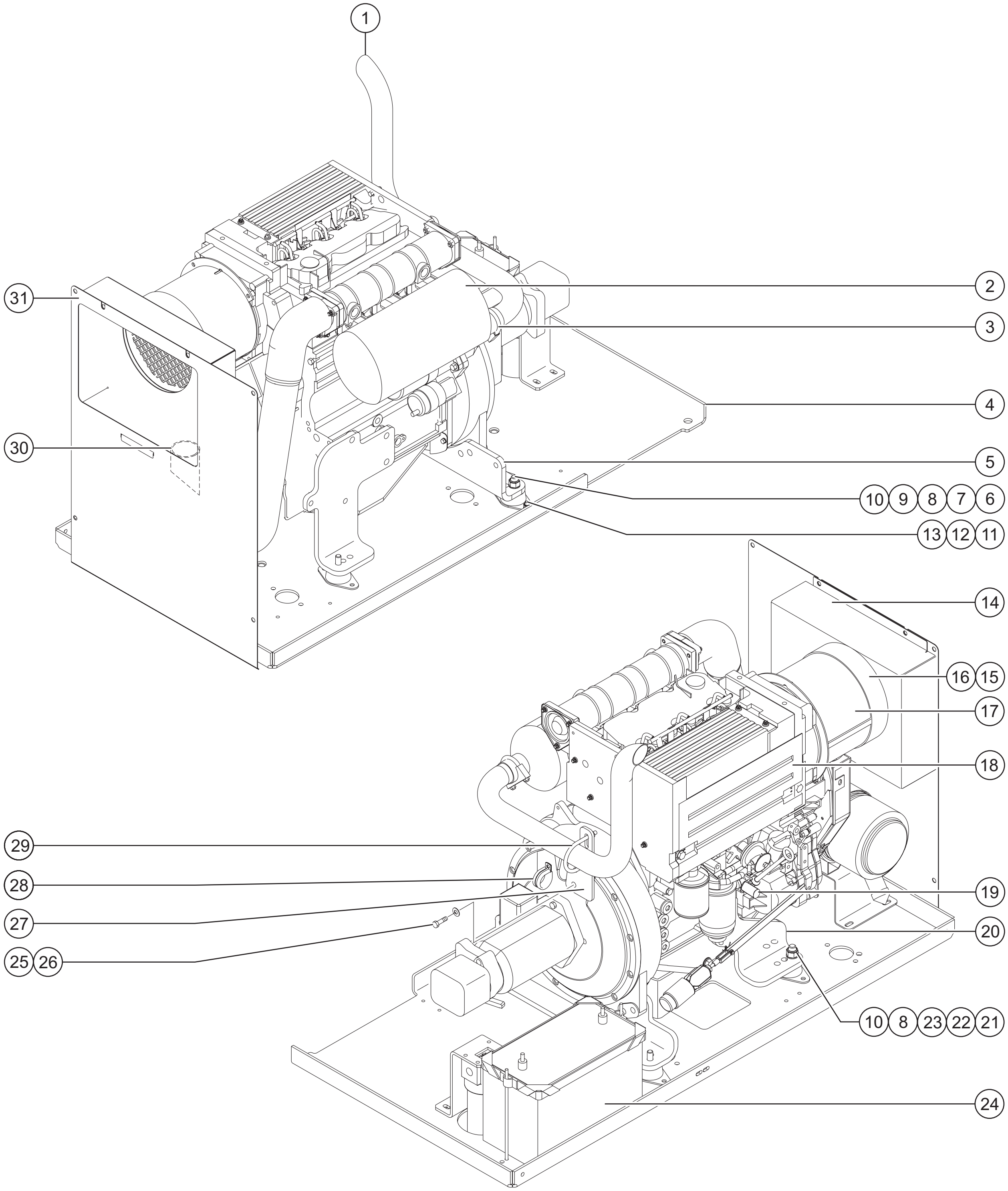
Figure	Rev	Description
410.1	D	Deutz F3L 1011F Engine - View 3 (before serial number 7544)



410.1
Deutz F3L 1011F Engine - View 3 (before serial number 7544) Rev D

Item	Part No.	Description	Qty.
1	34162-3150	Air Intake Hose, 2.5 inches	1
2	53945	Hose Clamp, 3 inches	5
3	34164	Rubber Elbow, 90°	1
4	62420	Air Filter Element	1
5	63463	Air Filter Assembly (includes item 4)	1
6	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
7	6097	Flat Washer, 3/8 inch	
8	7713	Nylock Nut, 3/8 -16	
9	53952	Air Cleaner Bracket	1
10	30967	Air Intake Hose, 2.75 I.D. x 2.25 inches	1
11	30769P	Air Cleaner Mount	1
12	29557	Oil Filler Cap	1
13	65765	Oil Pressure Sending Unit	1
14	52352	Dipstick	1
15	32752	Fuel Shut Off Solenoid	1
—	72255	Connector - Solenoid Switch	
16	102686	Oil Temperature Sending Unit	1
17	49923	Fuel Pump	1
18	49924	Engine Oil Filter	1
19	29560	Fuel/Water Separator Filter	1
20	23057	Screw - HHC, M8 -1.25 x 20 mm, GR 8.8	
21	49408	Lock Washer, M8	
22	33240P	Lever Actuator Bracket	1
23	22578	Screw - HHC, M6 x 1 x 20 mm, GR 8.8	
24	49407	Lock Washer, M6	
25	6584	Shoulder Bolt, 1/4 x 0.625 inch	
26	5365	Nylock Nut, 10-24	
27	21130	Clevis, 1/4 -28	1
28	21496	Nut, 1/4 -28	
29	30785-1000	Threaded Rod, 1/4 -28 x 10 inches	1
30	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
31	6638	Flat Washer, 1/4 inch	
32	6889	Low Profile Nylock Nut, 1/4 -20	
33	60521	Relay, 30/40 A	1
—	73993	Harness, RPM Solenoid Relay	
34	29073	2 Speed Solenoid	1
—	52537	Boot	
35	33241P	Mount Bracket	1
36	77139	Medium Pressure Filter Assembly	1
—	61326	Fiberglass Element, 10 Micron	
37	89596P	Medium Pressure Filter Bracket	1
38	44064	Screw - HHC, M10 -1.5 x 30 mm, GR 8.8	
39	22700	Lock Washer, M10	
40	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
41	5397	Flat Washer, 5/16 inch	
42	4828	Nylock Nut, 3/8 -16	
43	Ref.	Battery (refer to 423.1)	
44	6097	Flat Washer, 3/8 inch	

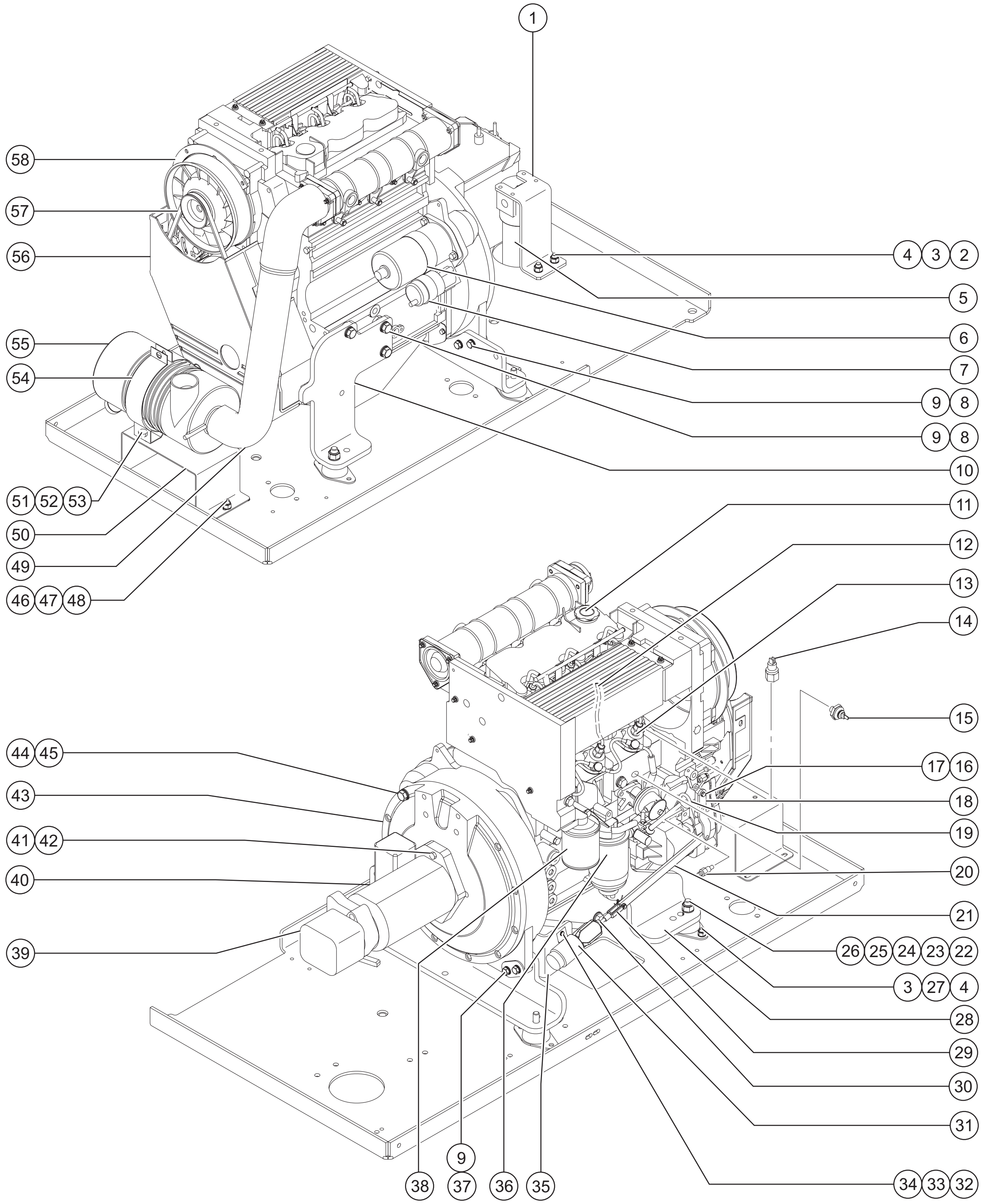
Figure	Rev	Description
411.1	F	Deutz F3L 2011 Engine - View 1 (after serial number 7543)



411.1
Deutz F3L 2011 Engine - View 1 (after serial number 7543) Rev F

Item	Part No.	Description	Qty.
—	Ref.	Engine Harness (refer to 311.1)	
—	31408	Glow Plug	
—	70496	Inline Fuel Strainer (before serial number 10833)	
—	119344	Primer Bulb Kit (before serial number 10833)	
1	102092	Exhaust Pipe	1
2	89774	Muffler	1
3	89775	Clamp	1
4	Ref.	Engine Tray (refer to 423.1)	
5	70459P	Rear Engine Mount	1
6	6198	Nylock Nut, 1/2 -13	
7	39479	Screw - HHC, 1/2 -13 x 2.75 inches, GR 5	
8	70452	Engine Isolator	4
9	6095	Flat Washer, 1/2 inch	
10	102066P	Cast Washer	
11	4828	Nylock Nut, 3/8 -16	
12	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
13	5397	Flat Washer, 5/16 inch	
14	89911P	Cold Air Intake	1
15	33239	Air Intake Rubber	1
16	31523	Clamp	1
17	111334	Air Intake Tube with Word Decals	1
—	50579P	Air Intake Tube	
18	89776	Engine Cover (includes mounting fasteners)	1
19	102497	Fuel Lift Pump (before serial number 10833)	1
—	111668	Fuel Lift Pump (with hand priming pump) (after serial number 10832)	
—	111402	O-ring, Fuel Lift Pump	
20	70460P	Outboard Engine Mount	1
—	22558	Screw - HHC, M14 x 40 mm, GR 8.8	
—	37505	Lock Washer, M14	
21	6782	Nylock Nut, 5/16 -18	
22	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
23	6021	Lock Washer, 3/8 inch	
24	Ref.	Battery (refer to 423.1)	
25	33987	Screw - HHC, 1/2 -13 x 1 inch, GR 5	
26	6033	Lock Washer, 1/2 inch	
27	102091P	Exhaust Pipe Mount	1
	85053	Screw - HHC, M10 -1.5 x 70 mm, GR 8.8	
	22700	Lock Washer, M10	
28	61109	Rubber Cushioned Clamp, 1.25 x 0.438 inch	2
29	16584	Clamp	2
30	34162-475	Air Intake Hose, 2 1/2 I.D.	1
31	89912P	Engine Baffle	1

Figure	Rev	Description
412.1	E	Deutz F3L 2011 Engine - View 2 (after serial number 7543)

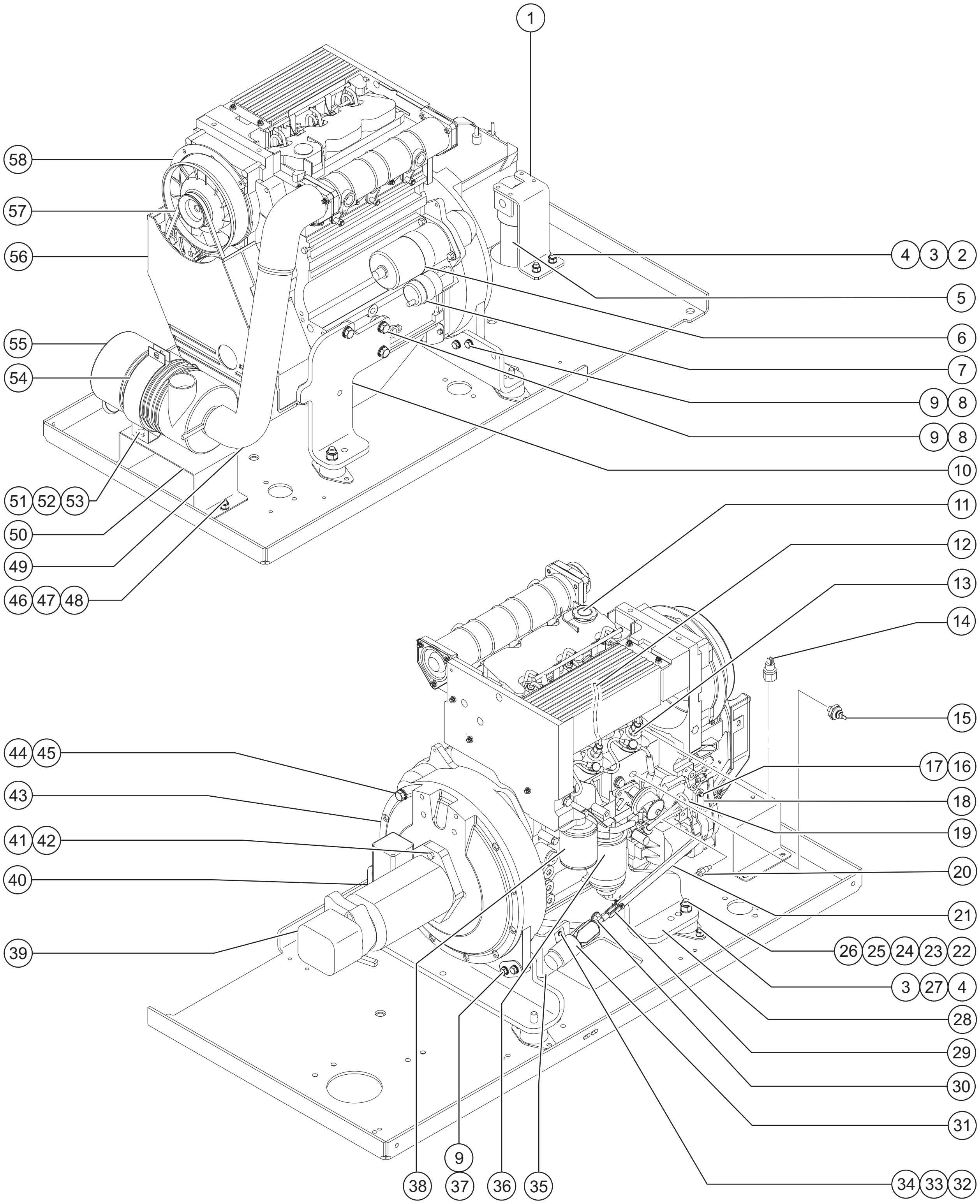


412.1
Deutz F3L 2011 Engine - View 2 (after serial number 7543) Rev E

Item	Part No.	Description	Qty.
1	89596P	Medium Pressure Filter Bracket	1
2	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
3	5397	Flat Washer, 5/16 inch	
4	4828	Nylock Nut, 3/8 -16	
5	77139	Medium Pressure Filter Assembly	1
—	60857	Filter Element, 3 micron	
6	89777	Starter	1
7	89778	Starter Solenoid	1
8	22558	Screw - HHC, M14 -2 x 40 mm, GR 8.8	3
9	37505	Lock Washer, M14	
10	70461P	Inboard Engine Mount	1
11	89779	Engine Oil Cap	1
12	89780	Fuel Line	3
13	89791	Fuel Injection Pump	1
—	89792	Fuel Injector	
14	111445	Oil Temperature Switch (located under cover)	1
15	65765	Oil Pressure Switch	1
16	22578	Screw - HHC, M6 -1 x 20 mm, GR 8.8	
17	6356	Lock Washer, 1/4 inch	
18	50787P	Governor Actuator Lever	1
19	89781	Dipstick	1
20	32752	Fuel Shut Off Switch	1
—	89793	Fuel Shut Off Solenoid	
—	58256	Solenoid Cable Assembly	
21	94485	Throttle Linkage	1
22	6198	Nylock Nut, 1/2 -13	
23	39479	Screw - HHC, 1/2 -13 x 2.75 inches, GR 5	
24	70452	Engine Isolator	4
25	80150	Flat Washer, 1/2 inch	
26	102066P	Cast Washer	
27	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
28	70460P	Outboard Engine Mount	1
29	21130	Clevis Yoke, 1/4 -28	1
30	21496	Hex Nut, 1/4 -20	
31	77402	Throttle Actuator Solenoid	1
32	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
33	6638	Flat Washer, 1/4 inch	
34	6091	Nylock Nut, 1/4 -20	
35	102067P	Solenoid Mount Bracket	1
36	29560	Fuel/Water Separator Filter	1
37	89259	Screw - HHC, M14 x 50 mm	
38	49924	Oil Filter	1
39	Ref.	Function Pump (refer to 706.1)	
40	Ref.	Drive Pump (refer to 706.1)	
41	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
42	6033	Lock Washer, 1/2 inch	
43	70381	Pump Mount Plate	1
—	37003	Pump Coupler	
—	33024	Flexplate	
—	44064	Screw - HHC, M10 -1.5 x 30 mm, GR 8.8	
—	22700	Lock Washer, M10	
—	89785	Ring Gear	
44	61110	Screw - SHC, M10 -1.5 x 30 mm	
45	22700	Lock Washer, M10	
46	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
47	6638	Flat Washer, 1/4 inch	
48	6091	Nylock Nut, 1/4 -20	
49	70375	Air Cleaner Hose	1
—	30971	Clamp, 3 inches	

This list continues on the next page.

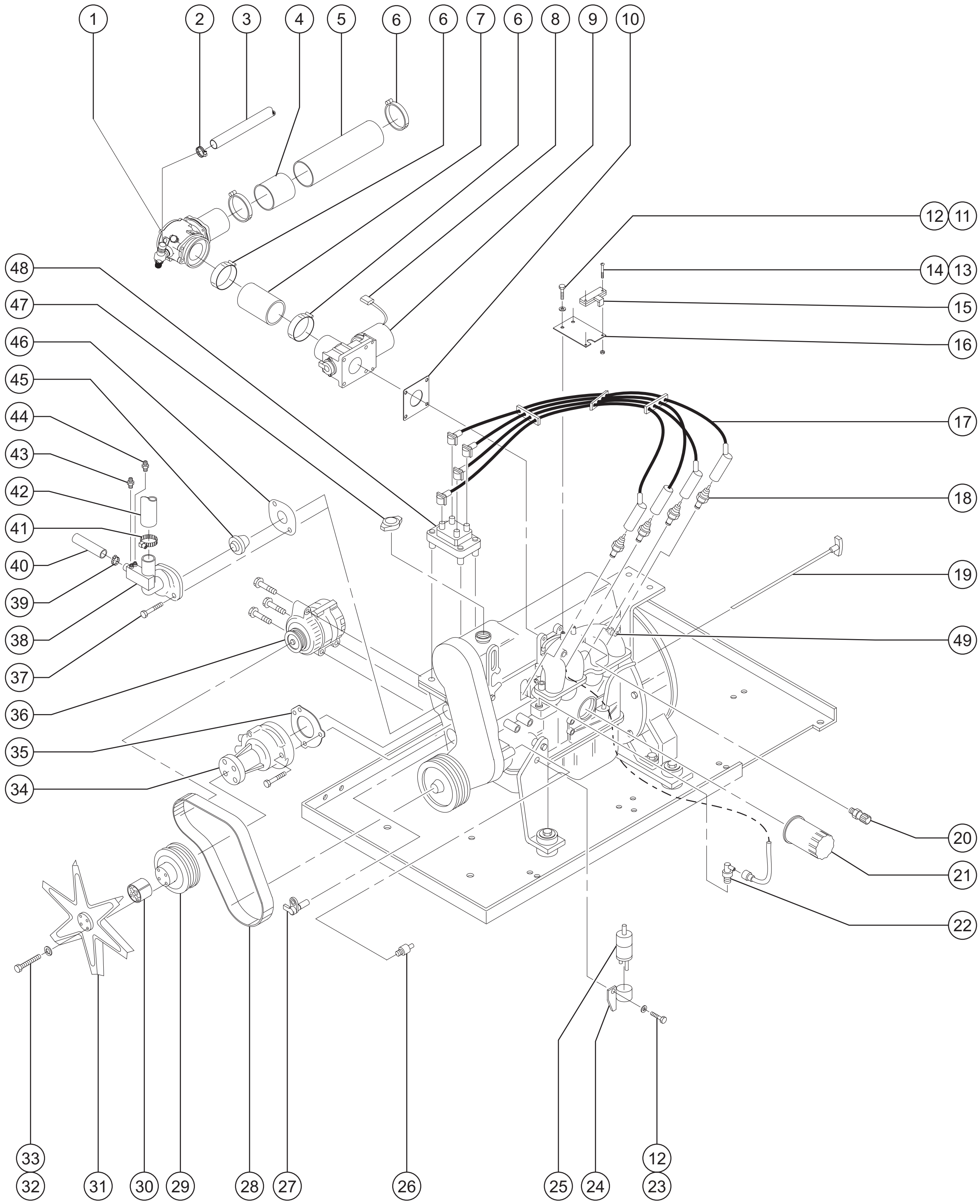
Figure	Rev	Description
412.1	E	Deutz F3L 2011 Engine - View 2 (after serial number 7543)



412.1
Deutz F3L 2011 Engine - View 2 (after serial number 7543) Rev E

Item	Part No.	Description	Qty.
50	70351P	Air Cleaner Mount	1
51	10107	Screw - HHC, 5/16 -18 x 0.75 inch, GR 5	
52	5397	Flat Washer, 5/16 inch	
53	6782	Nylock Nut, 5/16 -18	
54	53952	Air Cleaner Bracket	1
55	63463	Air Filter Assembly	
—	62420	Air Filter Element	
56	89786	Engine Pulley Cover	1
—	89787	Screw, M8 -20 x 8.8 inches	
—	89788	Flat Washer, M9	
57	32698	V-belt	1
58	35586	Alternator, 14V DC, 60 A	1

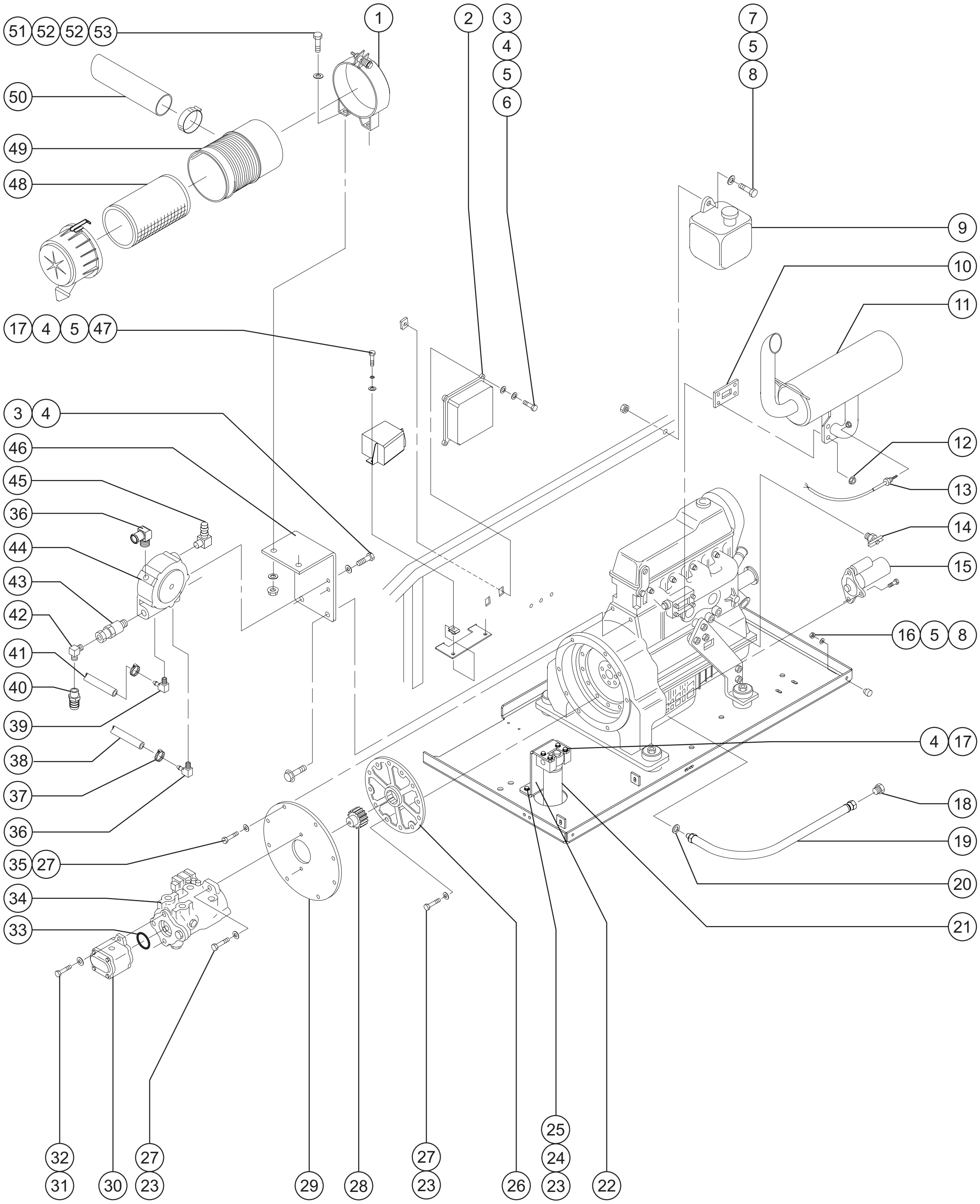
Figure	Rev	Description
413.1	D	Ford LRG-425 EFI Engine - View 1 (before serial number 7597)



413.1
Ford LRG-425 EFI Engine - View 1 (before serial number 7597) Rev D

Item	Part No.	Description	Qty.
—	52695	Ford-LRG 425 EFI Workshop Manual	
—	88761	Nolff LPG Kit, Complete	
—	94922	EFI Update Kit	
—	48473P	Air Filter Bracket for EFI Update Kit	
—	Ref.	Engine Wire Harness (refer to 311.1)	
1	88763	Air Valve Mixer	1
—	75471	Diaphram Repair Kit - Air Valve Mixer	
—	83082	Air Horn Kit	
2	46131	Clamp, $^{5}/_{8}$ inch	1
3	81631	Non-conducting Low Pressure LPG Hose, $^{5}/_{8}$ inch I.D.	31 inches
4	30966-0150	Air Intake LPG Hose, 2.25 x 1.5 inches	1
5	30966-0575	Air Intake Hose, 2.25 x 5.75 inches	1
6	45435	Clamp, 2.5 inches	4
7	27211-0250	Air Intake Hose, 2.625 x 2.5 inches	1
8	88455	Throttle Actuator Adapter	1
9	88451	Electronic/Throttle Position Sensor Governor	1
—	88452	Actuator Throttle Gasket	
10	88453	Adapter Plate Gasket	1
11	23057	Screw - HHC, M8 -1.25 x 20 mm, GR 8.8	
12	49408	Lock Washer, M8	
13	49817	Screw - PHPM, 10-32 x 1.25 inches	
14	6178	Nylock Nut, 10-32	
15	49898	Map Sensor	1
16	53821P	Map Sensor Mount Bracket	1
17	52570	Spark Plug Wire Set	1
18	28647	Spark Plug	1
—	52656	Fuel Injector (not shown, sold separately)	
19	52566	Dipstick	1
20	52652	Air Temperature Sensor	1
21	28656	Engine Oil Filter	1
22	33957	PCV Valve	1
23	25929	Screw - HHC, M8 -1.25 x 30 mm, GR 8.8	
24	65453	Fuel Filter Bracket	1
25	58967	Fuel Filter/Pressure Regulator	1
26	58900	Camshaft Position Sensor	1
27	33968	Crankshaft Position Sensor	1
28	52580	Serpentine Belt	1
29	52078	Water Pump Pulley	1
30	52077	Fan Spacer	1
31	52076	Fan	1
32	32309	Screw - HHC, M8 -1.25 x 60 mm, GR 8.8	
33	49408	Lock Washer, M8	
34	33963	Water Pump	1
35	33964	Water Pump Gasket	1
36	33960	Alternator, 13.8V DC, 95 A	1
37	65454	Flange Bolt, M6 x 22 mm	2
38	52573	Thermostat Housing	1
39	36208	Clamp, 1.25 inches	1
40	52762	Water Inlet Hose	1
41	22672	Clamp, 1.75 inches	1
42	33965	Upper Radiator Hose	1
43	33972	Coolant Temperature Sensor	1
44	65456	Temperature Sending Unit	1
45	33966	Thermostat	1
46	52575	Thermostat Housing Gasket	1
47	49881	Oil Filler Cap	1
48	33970	Ignition Coil	1
49	89812	Oil Pressure Sender Assembly	1

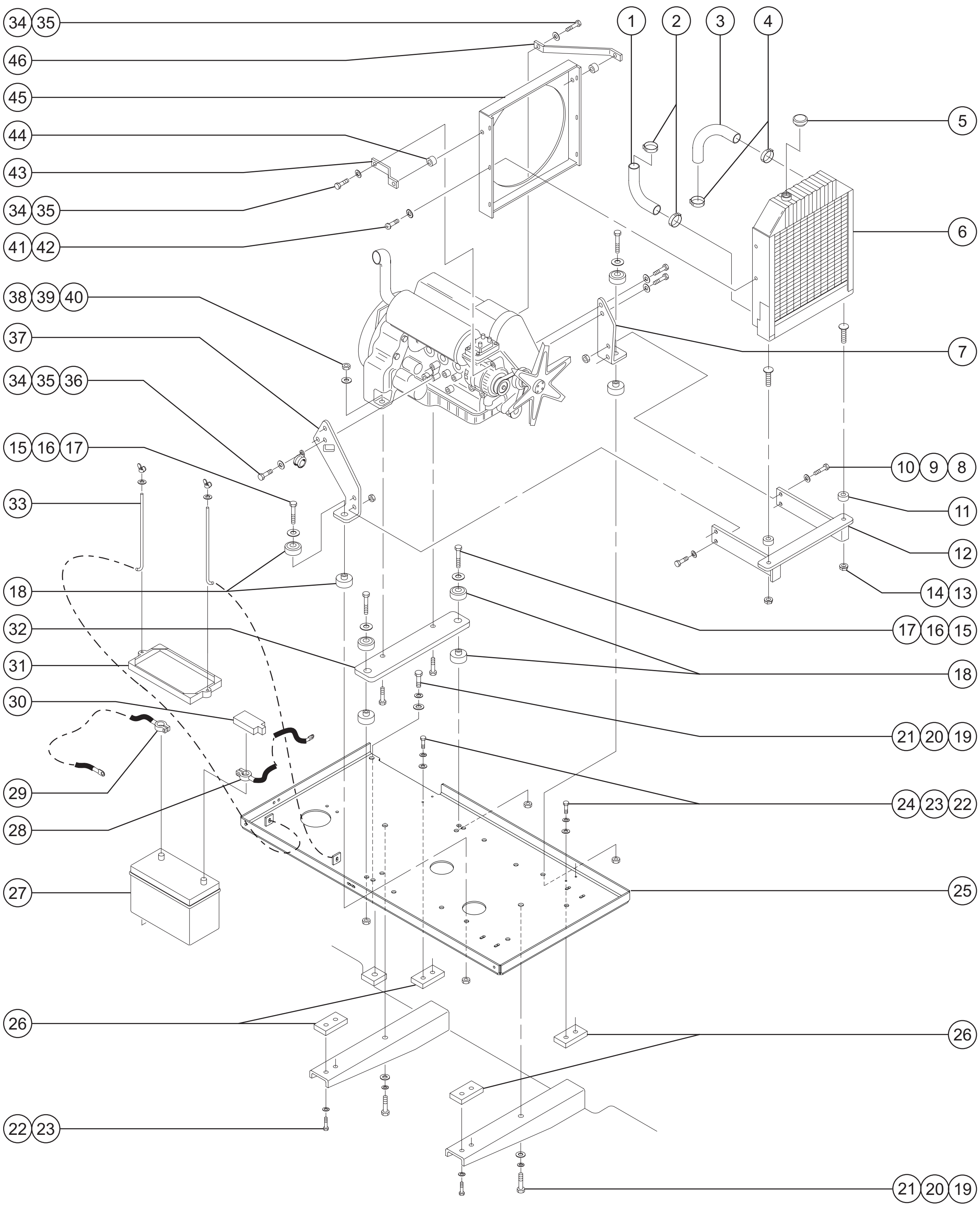
Figure	Rev	Description
414.1	B	Ford LRG-425 EFI Engine - View 2 (before serial number 7597)



414.1
Ford LRG-425 EFI Engine - View 2 (before serial number 7597) Rev B

Item	Part No.	Description	Qty.
1	77296	Air Cleaner Bracket	1
2	88457	Engine Performance Module	1
3	6888	Screw - HHC, 1/4 -20 x 1 inch	
4	6356	Lock Washer, 1/4 inch	
5	6638	Flat Washer, 1/4 inch	
6	25969	Spring Clip Nut, 1/4 -20	
7	8915	Screw - HHC, 1/4 -20 x 1.25 inches, GR 5	
8	6091	Nylock Nut, 1/4 -20	
9	54071	Coolant Return Tank with Hose	1
—	65864	Cap (before serial number 7172)	
—	72327	Cap (after serial number 7171)	
10	27142	Exhaust Gasket	1
11	77885	Muffler	1
12	65460	Locking Flange Nut	4
13	88450	Oxygen Sensor	1
14	28717	Drain Valve	1
15	52565	Starter	1
—	52593	Starter Solenoid	
16	34619	Rubber Bumper	1
17	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
18	63426	Male Plug	1
19	63427	Low Pressure Hose, 1/2 inch	33 inches
20	53910	Oil Drain Gasket	1
21	77139	Medium Pressure Filter Assembly	1
—	60857	3 Micron Filter Kit	
22	89596P	Filter Mount	1
23	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
24	5397	Flat Washer, 5/16 inch	
25	4828	Nylock Nut, 3/8 -16	
26	33024	Flexplate	1
27	6021	Lock Washer, 3/8 inch	
28	37002	Pump Coupler	1
29	25571P	Pump Mount Plate	1
30	Ref.	Function Pump (refer to 706.1)	
31	89806	Screw - SHC, 3/8 -16 x 1.25 inches (after serial number 7318)	
32	89807	Flat Washer, 3/8 inch (after serial number 7318)	
33	Ref.	O-ring (refer to 706.1)	
34	Ref.	Drive Pump (refer to 706.1)	
35	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
36	81632	Fitting	2
37	36208	Clamp, 1.25 inches	2
38	52762	Water Inlet Hose	1
39	81635	Fitting	1
40	81748	Fitting	1
41	53832	Fire Resistant Hose - 5/8 inch I.D.	30 inches
42	81749	Fitting	1
43	88757	LPG Shut-off Solenoid Valve with Filter, 12V DC	1
44	81630	Nolff LPG Regulator	1
45	81634	Fitting	1
46	48473P	Air Filter Bracket	1
47	25969	Spring Clip Nut, 1/4 -20	2
48	77295	Air Filter Element	1
49	77236	Air Filter Assembly (includes items 1 and 48)	1
—	58247	Air Filter Cap	
—	102977	Plastic Hose Fitting	
50	53124	Air Intake Hose, 2.5 x 12 inches	1
51	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
52	6097	Flat Washer, 3/8 inch	
53	7713	Nylock Nut, 3/8 -16	

Figure	Rev	Description
415.1	C	Ford LRG-425 EFI Engine - View 3 (before serial number 7597)

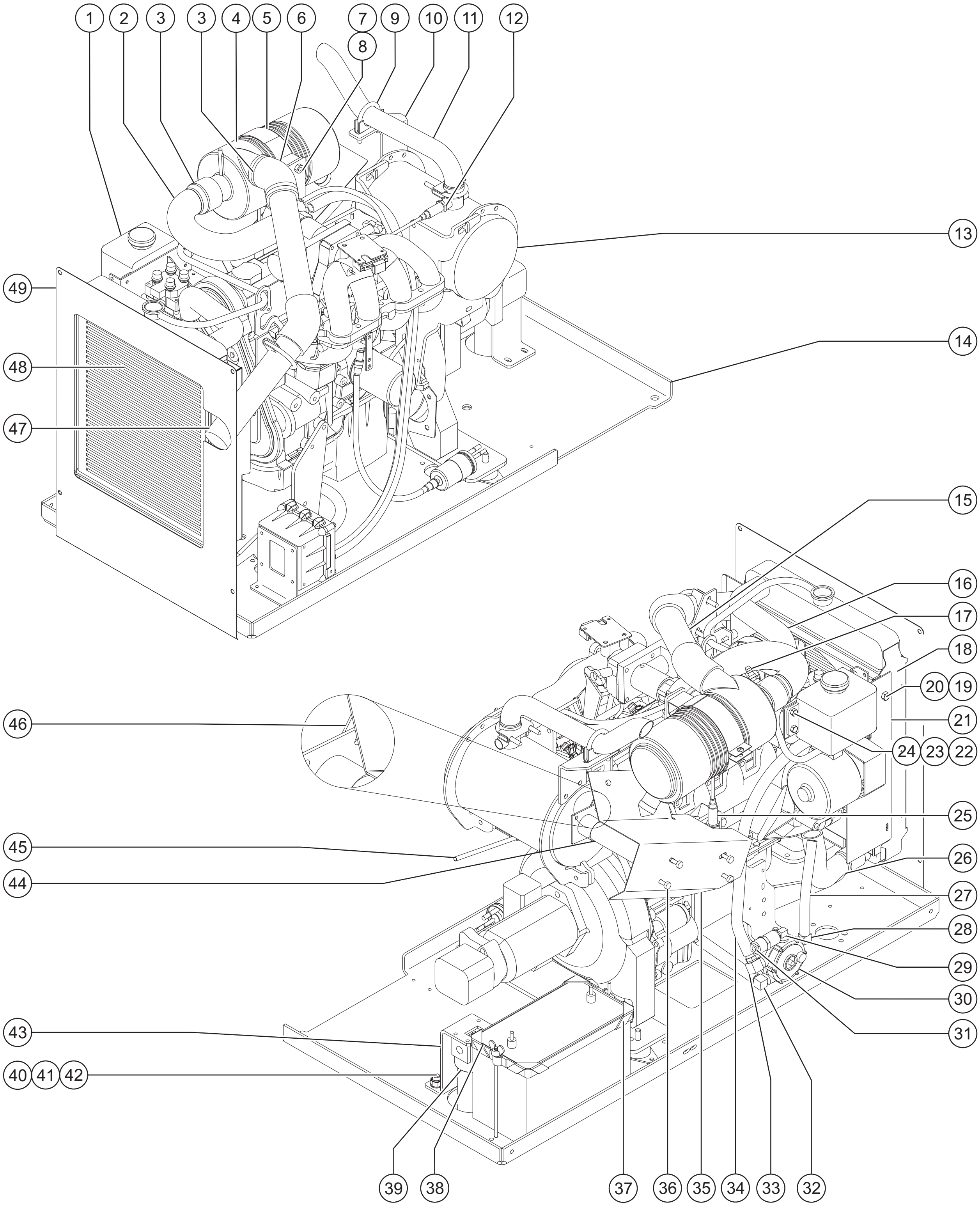


415.1

Ford LRG-425 EFI Engine - View 3 (before serial number 7597) Rev C

Item	Part No.	Description	Qty.
1	33962	Lower Radiator Hose	1
2	13014	Clamp, 2.5 inches	2
3	33965	Upper Radiator Hose	1
4	45171	Clamp, 1.75 inches	2
5	27943	Radiator Cap	1
6	33969	Radiator	1
—	28717	Drain Valve	
7	53425-S	Inboard Engine Mount Plate	1
8	8516	Screw - HHC, 3/8 -16 x 1.5 inches, GR 5	
9	6097	Flat Washer, 3/8 inch	
10	4828	Nylock Nut, 3/8 -16	
11	24038	Rubber Shock Mount	2
12	34929	Radiator Mount	1
13	48425	Locking Flange Nut, 3/8 -16	
14	60790	Carriage Bolt, 3/8 -16 x 1.5 inches, GR 5	
15	53909	Screw - HHC, 5/8 -11 x 4 inches, GR 8	4
16	6035	Flat Washer, 5/8 inch	
17	6024	Nylock Nut, 5/8 -11	
18	28076	Shock Mount, Red & White (pair)	3
19	29883	Screw - HHC, 5/8 -11 x 1.75 inches, GR 8	3
20	6036	Lock Washer, 5/8 inch	
21	13064	Flat Washer, 5/8 inch	
22	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
23	6356	Lock Washer, 1/4 inch	
24	6638	Flat Washer, 1/4 inch	
25	Ref.	Engine Tray (refer to 423.1)	
26	45209	Wear Pad, 2 x 4 x 0.5 inch	4
27	Ref.	Battery (refer to 423.1)	
28	Ref.	Positive Battery Cable (refer to 311.1)	
29	Ref.	Negative Battery Cable (refer to 311.1)	
30	57162	Terminal Cover Boot	1
31	30144	Battery Hold Down	1
32	28234P	Engine Mount Plate	1
33	45708	Threaded Rod, 10 inches	2
34	27034	Screw - HHC, M10 -1.5 x 25 mm, GR 8.8	
35	22700	Lock Washer, M10	
36	32339	Rubber Cushioned Clamp, 1.75 inches	2
37	53290	Outboard Engine Mount	1
38	6198	Nylock Nut, 1/2 -13	
39	6095	Flat Washer, 1/2 inch	
40	10598	Screw - HHC, 1/2 -13 x 3 inches, GR 5	
41	73612	Screw - PHPM, 10-24 x 0.5 inch	
42	73613	External Lock Washer, #10	
43	34942P	Outboard Radiator Support Strut	2
44	48498	Vibration Isolator	2
45	34927P	Radiator Shroud	1
46	34943P	Inboard Radiator Support Strut	1

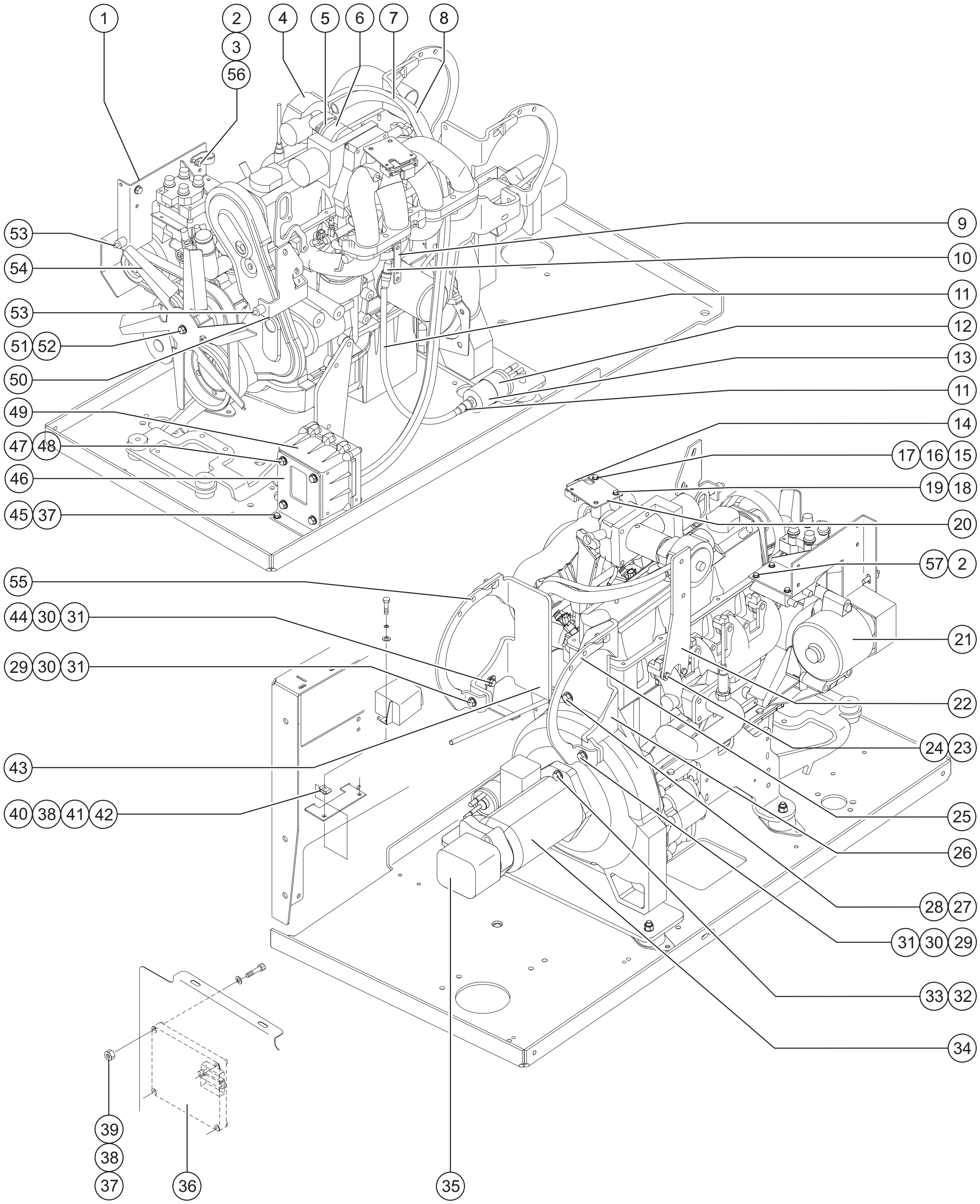
Figure	Rev	Description
416.1	G	Ford LRG-425 EFI Engine - View 1 (from serial number 7597 to 11066)



416.1
Ford LRG-425 EFI Engine - View 1 (from serial number 7597 to 11066) Rev G

Item	Part No.	Description	Qty.
—	Ref.	Engine Wire Harness (refer to 311.1)	
1	54071	Coolant Return Tank with Hose	1
—	72327	Coolant Return Cap	
—	6833	Coolant Return Clamp	
2	88847	Air Cleaner Outlet Hose	1
3	45435	Clamp, 2.5 inches	3
4	77236	Air Filter Assembly	1
—	77295	Air Filter Element	
—	58247	Air Filter Cap	
—	102977	Plastic Hose Fitting	
5	77296	Air Cleaner Mount Band	1
6	33361	Rubber Elbow, 45°	2
7	10107	Screw - HHC, 5/16 -18 x 0.75 inch, GR 5	
8	6782	Nylock Nut, 5/16 -18	
9	102121	Clamp, 1.875 inches	2
10	102109P	Muffler Support Bracket	1
11	102009	Exhaust Pipe	1
12	106486	Cat Monitor Air Sensor	1
13	106178	Muffler	1
14	Ref.	Engine Tray (refer to 423.1)	
15	102104	Air Intake Hose	1
16	54862	Upper Radiator Hose	1
17	102977	Plastic Fitting	
18	54598P	Radiator Shroud	1
19	21019	Screw - PHPM, 10-24 x 0.5 inch	
20	6146	Flat Washer, #10	
21	102010P	Fan Guard	1
22	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
23	6638	Flat Washer, 1/4 inch	
24	6091	Nylock Nut, 1/4 -20	
25	52652	Charge Air Sensor	1
26	77170	Lower Radiator Hose	1
—	13014	Hose Clamp, 2.25 inches	
27	1702	Hose Coolant, 5/8 inch	10 inches
28	102074	Fitting	1
29	19363	Fitting	1
30	70525	LP Regulator	1
31	88757	LP Lockout Valve	1
—	19358	Fitting	
32	102098	Fitting	1
33	102073	Fitting	1
—	102072	Fitting	
34	81778	Hose Coolant, 3/4 inch	1
35	102118	Heat Shield (includes item 47) (sold separately)	1
—	102072	Heat Shield Support	
36	32064	Clamp, 1.25 inches	2
37	30144	Battery Hold Down	1
38	Ref.	Battery (refer to 423.1)	
39	77139	Medium Pressure Filter Assembly	1
—	60857	Filter Element, 3 micron	
40	6019	Screw - HHC, 3/8 -16 x 1.25 inches	
41	5397	Flat Washer, 5/16 inch	
42	4828	Nylock Nut, 3/8 -16	
43	89596P	Medium Pressure Filter Bracket	1
44	89973	Exhaust Pipe Assembly	1
—	102134	Gasket	
45	70419	Dipstick Tube	1
—	52566	Oil Level Dipstick	
46	102779P	Heat Shield Support Bracket	1
—	8255	Screw - HHC, 3/8 -16 x 3/4 inch	
—	6021	Lock Washer, 3/8 inch	
—	6022	Hex Nut, 3/8 -16	
47	102103	Air Cleaner Inlet Hose	1
48	110304	Radiator	1
—	65473	Radiator Cap	
49	89913P	Radiator Baffle	1
—	8255	Screw - HHC, 3/8 -16 x 3/4 inch	
—	6021	Lock Washer, 3/8 inch	

Figure	Rev	Description
417.1	D	Ford LRG-425 EFI Engine - View 2 (from serial number 7597 to 11066)

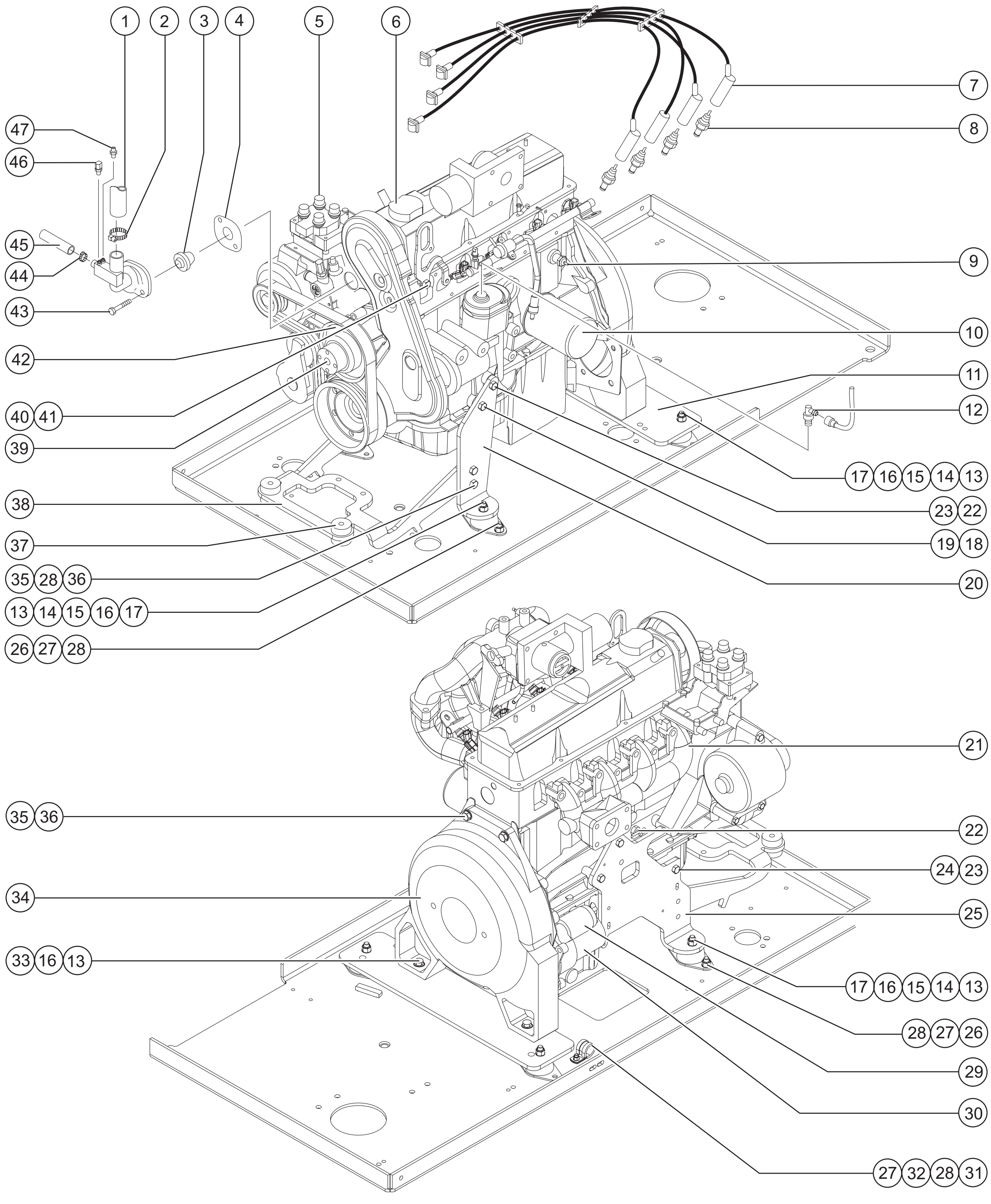


417.1

Ford LRG-425 EFI Engine - View 2 (from serial number 7597 to 11066) Rev D

Item	Part No.	Description	Qty.
1	89921	Coolant Bottle Mount	1
2	67537	Screw - HHC, M5 x 12 mm	
3	49413	Lock Washer, M5	
4	106485	Air Valve Mixer	1
5	35434	Clamp, 2 inches	2
6	102117	Air Intake Hose, 2 I.D. x 2 inches	1
7	102128	Vac Hose 3/16 inch	1
8	102129	LP Hose	1
9	102065P	Harness Connector Bar Mount	1
10	65892	Connector Assembly	1
11	71909	High Pressure Fuel Line	18 inches
12	65453	Pressure Regulator Mount	1
13	58967	Gas Pressure Regulator	1
14	49898	Map Sensor	1
15	49817	Screw - PHPM, 10-32 x 1.25 inches	
16	6146	Flat Washer, #10	
17	5365	Nylock Nut, 10-24	
18	23057	Screw - HHC, M8 -1.25 x 20 mm, GR 8.8	
19	49408	Lock Washer, M8	
20	53821P	Map Sensor Bracket	1
21	33960	Alternator, 13.8V DC, 95A	1
—	71910	Terminal Kit	
22	89917P	Air Cleaner Mount Plate	1
23	10107	Screw - HHC, 5/16 -18 x 0.75 inch, GR 5	
24	6782	Nylock Nut, 5/16 -18	
25	106271P	Outboard Muffler Clamp	1
26	101126P	Outboard Muffler Mount	1
27	25548	Screw - HHC, M10 -1.5 x 40 mm, GR 8.8	
28	22700	Lock Washer, M10	
29	5224	Screw - HHC, 3/8 -16 x 2 inches, GR 5	
30	6097	Flat Washer, 3/8 inch	
31	4828	Nylock Nut, 3/8 -16	
32	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
33	6033	Lock Washer, 1/2 inch	
34	Ref.	Drive Pump (refer to 706.1)	
35	Ref.	Function Pump (refer to 706.1)	
36	106487	Engine Performance Module	1
37	6091	Nylock Nut, 1/4 -20	
38	6638	Flat Washer, 1/4 inch	
39	6145	Screw - HHC, 1/4 -20 x 1.5 inches, GR 5	
40	25969	Spring Clip Nut, 1/4 -20	2
41	6356	Lock Washer, 1/4 inch	
42	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
43	101127P	Inboard Muffler Mount	1
44	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
45	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
46	102068P	Megajector Mount	1
47	49375	Screw - HHC, M6 -1 x 16 mm, GR 8.8	
48	49407	Lock Washer, M6	
49	70527	Fuel Megajector	1
—	106491	Megajector Jumper Harness	
50	102013P	Radiator Support Mount	1
51	75185	Screw - HHC, M8 x 1.25 x 70mm, GR 8.8	
52	49408	Lock Washer, M8	
53	48498	Air Filter Isolator	2
54	52076	Fan	1
—	70489	Fan Spacer	
55	101128P	Inboard Muffler Clamp	1
56	6833	Clamp, 0.5 inch	1
57	19872	Lock Washer, M5	

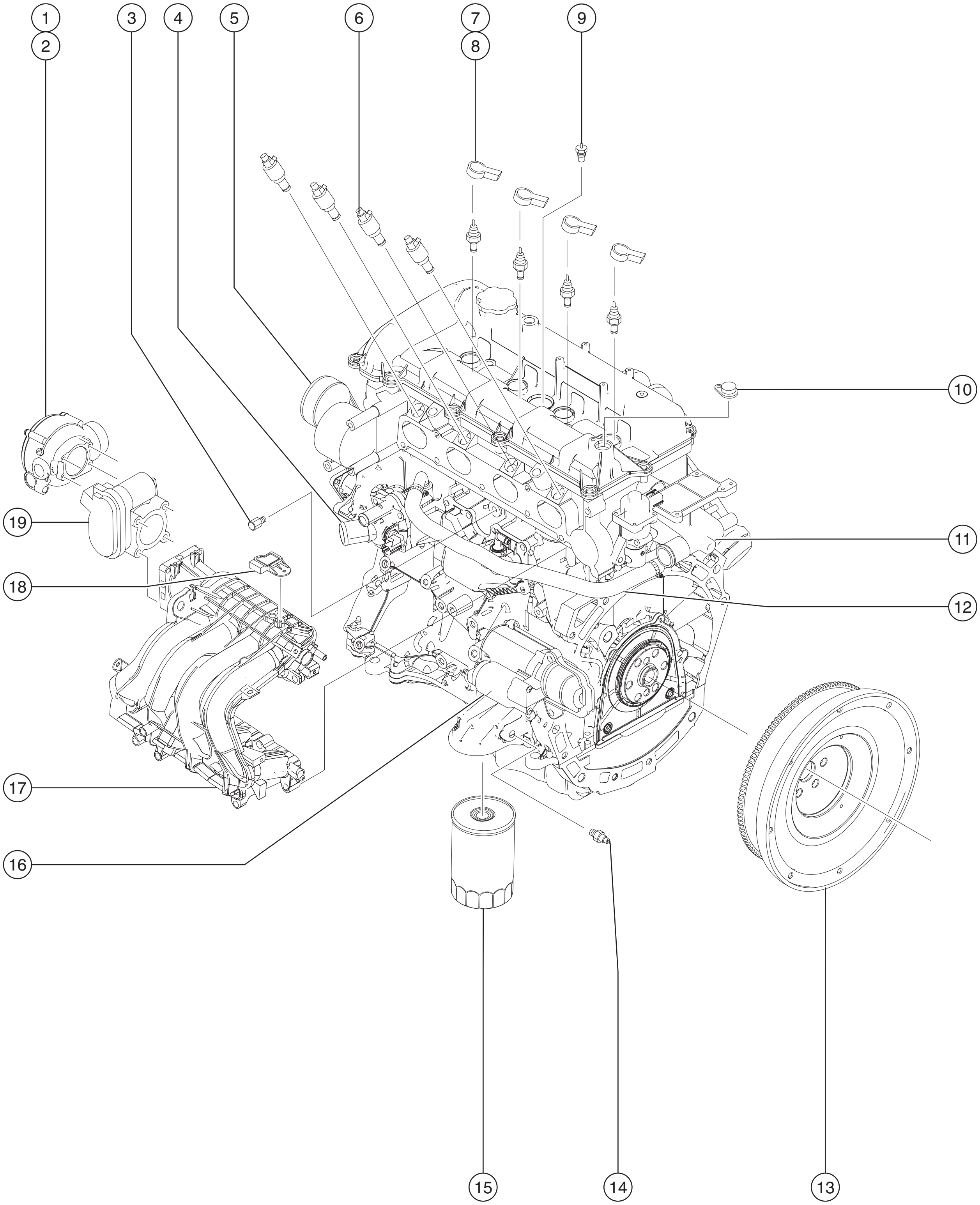
Figure	Rev	Description
418.1	E	Ford LRG-425 EFI Engine - View 3 (from serial number 7597 to 11066)



418.1
Ford LRG-425 EFI Engine - View 3 (from serial number 7597 to 11066) Rev E

Item	Part No.	Description	Qty.
1	33965	Upper Radiator	1
2	22672	Clamp	1
3	33966	Thermostat	1
4	52575	Thermostat Gasket	1
5	33970	Ignition Coil Assembly	1
6	49881	Oil Filler Cap	1
7	52570	Spark Plug Wire Set	1
8	106490	Spark Plug (pack of 4)	1
9	89812	Oil Pressure Switch Assembly	1
10	28656	Oil Filter	1
11	70423P	Rear Engine Mount	1
12	33957	PCV Valve	1
13	6198	Nylock Nut, 1/2 -13	
14	39479	Screw - HHC, 1/2 -13 x 2.75 inches, GR 5	
15	70452	Engine Isolator	4
16	6095	Flat Washer, 1/2 inch	
17	102066P	Cast Washer	
18	25929	Screw - HHC, M8 -1.25 x 30 mm, GR 8.8	
19	49408	Lock Washer, M8	
20	101118P	Inboard Engine Mount	1
21	58321	Exhaust Manifold	1
—	102134	Gasket	
22	28717	Drain Valve	1
23	44064	Screw - HHC, M10 -1.5 x 30 mm, GR 8.8	
24	22700	Lock Washer, M10	
25	101119P	Outboard Engine Mount	1
26	4828	Nylock Nut, 3/8 -16	
27	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
28	6097	Flat Washer, 3/8 inch	
29	27920	Starter Solenoid	1
30	29616	Starter	1
31	7713	Nylock Nut, 3/8 -16	
32	45454	Rubber Cushioned Clamp, 0.75 x 0.375 inch	1
33	22788	Screw - HHC, 1/2 -13 x 1.75 inches	
34	64079	Bell Housing Kit	1
—	89813	Coupler Flex Plate	
—	89811	Pump Mount Housing	
—	37003	Pump Coupler, 15 Tooth	
—	102136	Screw - SHC, 7/16 -14 x 1.25 inches	
35	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
36	4828	Nylock Nut, 3/8 -16	
37	24038	Lower Radiator Isolator	4
—	15086	Fender Washer, 3/8 x 1.5 x 0.125 inch	
—	48425	Flange Lock Nut, 3/8 -16	
38	101121P	Radiator Support Mount	1
39	33963	Water Pump with Gasket	1
—	52078	Water Pump Pulley	
—	33964	Water Pump Gasket	
40	102794	Screw - HHC, M8 x 1.25 x 40, GR 10.9	
41	33277	Flat Washer, M8	
42	52580	Serpentine Belt	1
—	65770	Timing Belt	
43	65454	Flange Bolt, M6 x 22 mm	
44	13014	Clamp, 2.25 inches	1
45	72358	Water Inlet Tube	1
46	33972	Coolant Temperature Sensor	1
47	65456	Water Temperature Sending Unit	1

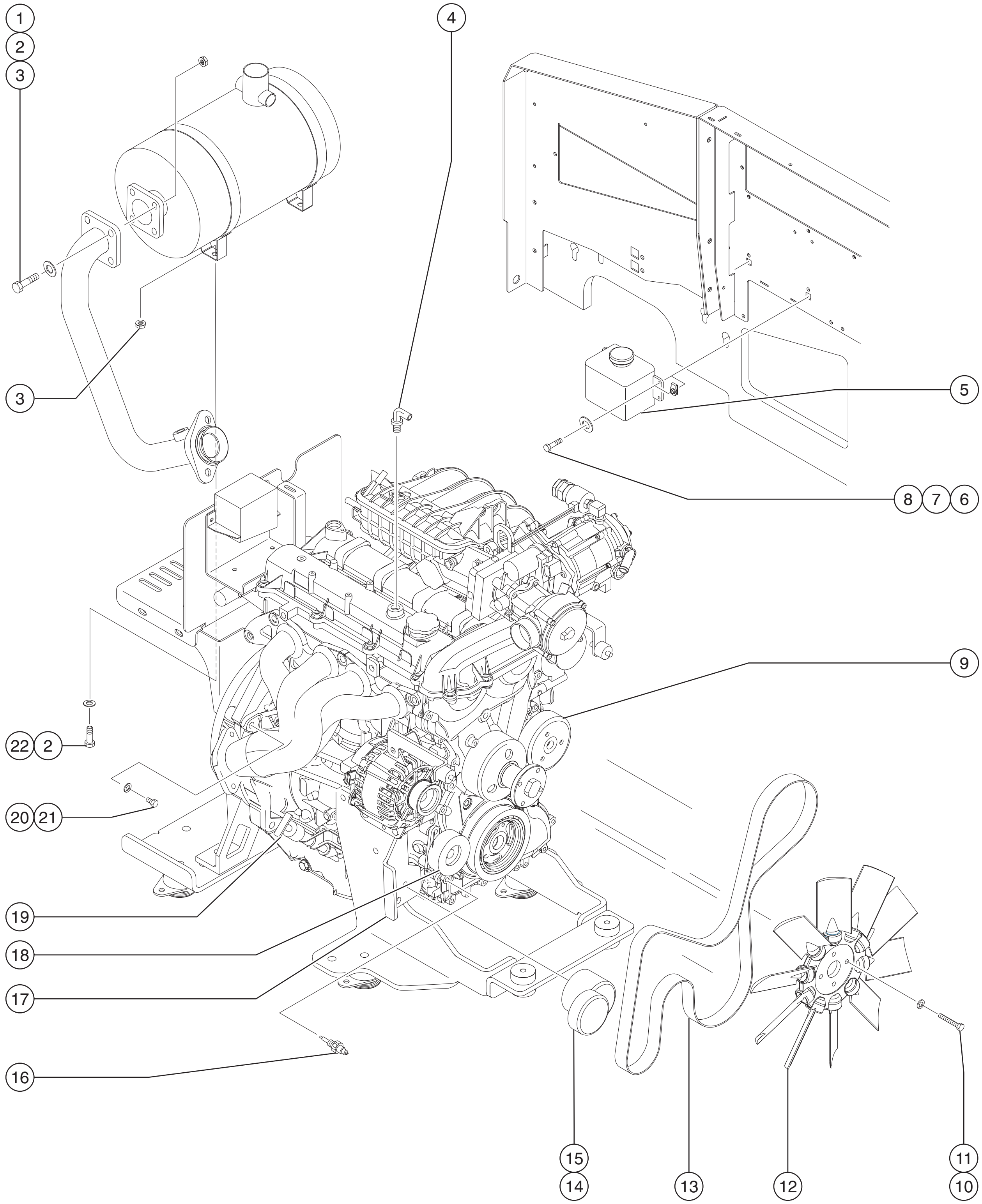
Figure	Rev	Description
419.1	A	Ford DSG-423 EFI Engine - View 1 (after serial number 11066)



419.1
Ford DSG-423 EFI Engine - View 1 (after serial number 11066) Rev A

Item	Part No.	Description	Qty.
—	119472	Engine Harness with Relay Block	
1	119135	LPG Mixer	1
—	119500	Mixer Gasket	
—	119547	O-ring, Smoothed	
—	119548	O-ring, Ribbed	
2	119142	Mixer/Throttle Body Adapter	1
—	119466	Adapter Gasket	
3	119498	Knock Sensor	1
4	119551	Thermostat Housing	1
5	119476	Upper Idler Pulley	1
—	119477	Idler Pulley Bracket	
6	119479	Fuel Injector	4
7	119478	Ignition Coil	4
8	119467	Spark Plug	4
—	119495	Spark Plugs (pack of four)	
9	119480	Cylinder Head Temperature Sensor	1
10	119497	Cam Position Sensor	1
11	119461	Coolant Housing	1
12	119482	Coolant Bypass Hose	1
13	119465	Flywheel Assembly with Ring Gear	1
14	119481	Oil Pressure Switch	1
15	119139	Oil Filter	1
16	119137	Starter	1
17	119545	Intake Manifold	1
—	119585	Vacuum Cap, 5/16 inch, High Temp	
—	119586	Vacuum Cap, 3/8 inch High Temp	
—	119568	Spring Clamp, 1/2 inch	
18	119475	Map Sensor	1
19	88451	Throttle Body	1
—	88452	Throttle Body Gasket	

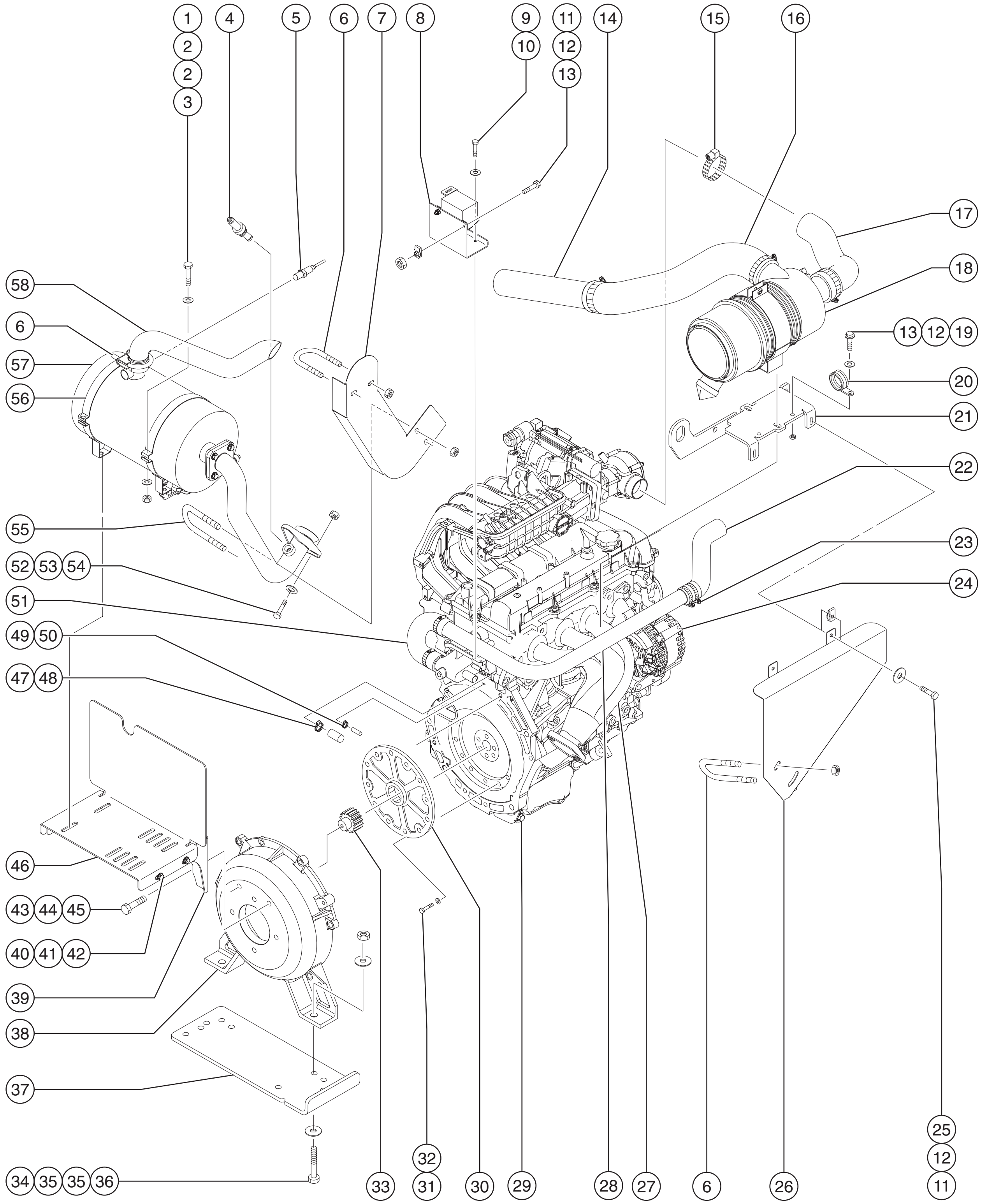
Figure	Rev	Description
420.1	A	Ford DSG-423 EFI Engine - View 2 (after serial number 11066)



420.1
Ford DSG-423 EFI Engine - View 2 (after serial number 11066) Rev A

Item	Part No.	Description	Qty.
1	13000	Screw - HHC, 5/16 -18 x 1.25 inches, GR 5	
2	5397	Flat Washer, 5/16 inch	
3	18503	Flange Nut, 5/16 -18	
4	119474	PCV Valve	1
—	75631	Hose, 3/8 inch	
5	54071	Coolant Recovery Bottle	1
—	72327	Cap	
—	21465	Hose Clamp, 0.25 inch	
—	6833	Rubber Cushioned Clamp, 0.5 x 0.25 inch	
6	6145	Screw - HHC, 1/4 -20 x 1.5 inches, GR 5	
7	6638	Flat Washer, 1/4 inch	
8	56912	Spring Clip, 1/4 -20	
9	119468	Water Pump with Pulley	1
10	32309	Screw - HHC, M8 -1.25 x 60 mm, GR 8.8	
11	49408	Lock Washer, M8	
12	119153	Fan	1
13	119138	Sperpentine Belt	1
14	119470	Tensioner Pulley	1
15	119469	Tensioner	1
16	119496	Crank Position Sensor	1
17	119471	Tensioner Bracket	1
18	119544	Lower Idler Pulley	1
19	119473	Dipstick	1
20	111744	Screw - SHC, M10 x 1.5 x 55 mm GR 8.8	
21	22699	Flat Washer, M10	
22	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	

Figure	**Rev**	**Description**
421.1	A	Ford DSG-423 EFI Engine - View 3 (after serial number 11066)

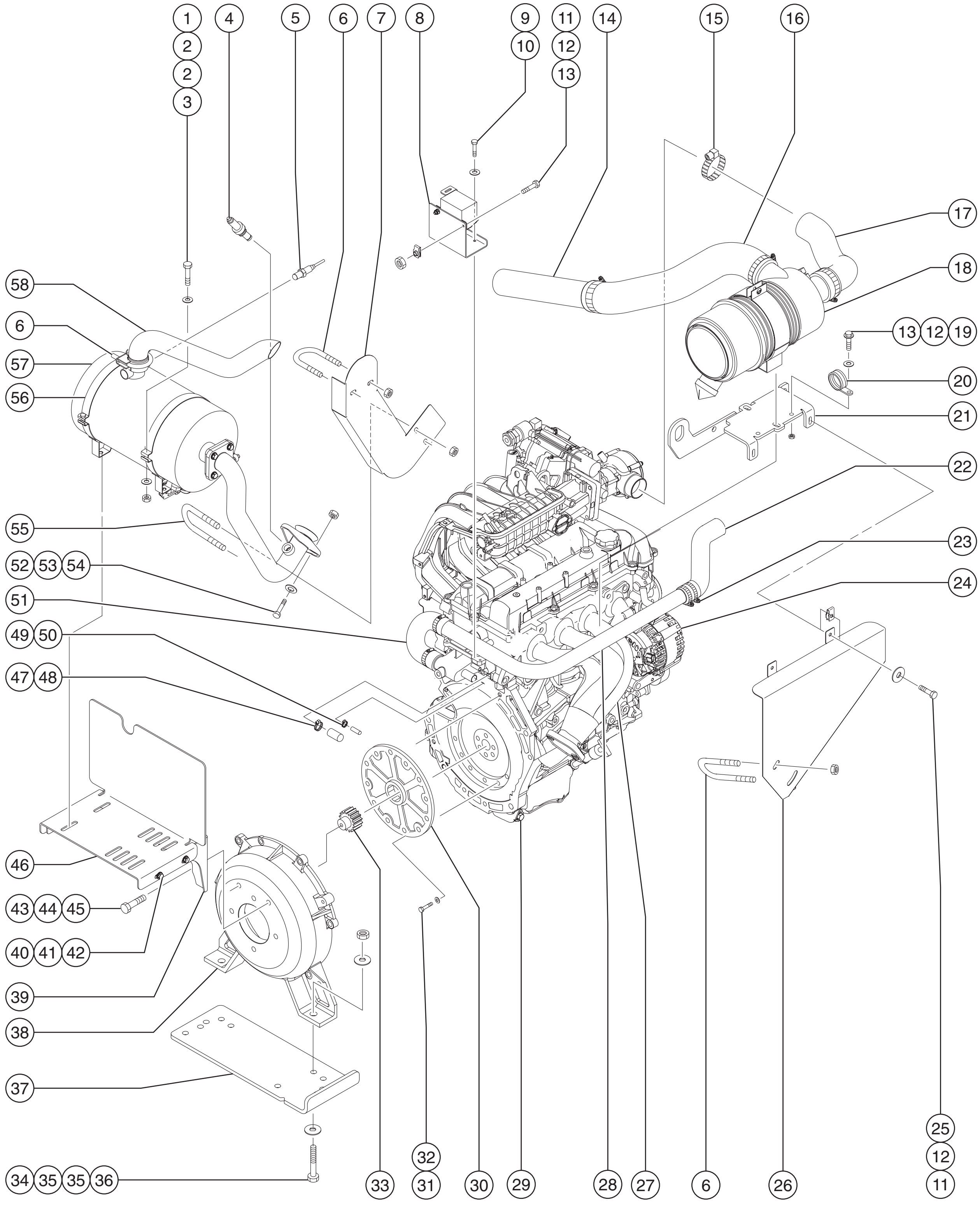


421.1
Ford DSG-423 EFI Engine - View 3 (after serial number 11066) Rev A

Item	Part No.	Description	Qty.
1	14033	Screw - HHC, 3/8 -16 x 2.75 inches, GR 5	
2	22692	Wave Washer, 0.635 x 1 x 0.015 inch	
3	6022	Nut, 3/8 -16	
4	88450	Oxygen Sensor	1
5	106486	Catalytic Monitor Sensor	1
6	32064	Muffler Clamp, 1.75 inches	3
7	111633	Muffler Pipe Heat Shield	
8	111609	Relay Mounting Bracket	
9	67537	Screw - HHC, M5 x 12 mm	
10	49413	Flat Washer, M5	
11	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
12	6638	Flat Washer, 1/4 inch	
13	6091	Nylock Nut, 1/4 -20	
14	94324-950	Inlet Tube - Air Cleaner	1
—	45435	Hose Clamp, 2.5 inches	
15	45435	Hose Clamp, 2.5 inches	2
16	111603	Inlet Hose - Air Cleaner	1
—	45435	Hose Clamp, 2.5 inches	
17	110422	Outlet Hose - Air Cleaner	1
—	45435	Hose Clamp, 2.5 inches	
18	111634	Air Cleaner	1
—	77295	Filter Element	
—	38922	Fitting - Elbow, 90° 1/8 MPT - 5/16 inch Barb	
19	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
20	119394	Rubber Cushioned Clamp, 1.38 x 3/8 inches	3
21	111653P	Lifting Eye Plate and Air Cleaner Mount	1
22	110758	Upper Radiator Hose	1
23	45171	Hose Clamp, 1.75 inches	4
24	119140	Alternator	1
25	56912	Spring Clip, 1/4 -20	
26	111615	Exhaust Manifold Heat Shield	1
27	119463	Exhaust Manifold	1
—	119464	Exhaust Manifold Gasket	
28	112285	Coolant Pipe	1
29	119588	Oil Pan Plug	1
30	89813	Flex Plate	1
31	55014	Screw - SHC, M8 x 1.25 x 25 mm, GR 12.9	
32	33277	Flat Washer, M8	
33	37003	Pump Coupler	1
34	22788	Screw - HHC, 1/2 -13 x 1.75 inches, GR 5	
35	6095	Flat Washer, 1/2 inch	
36	6198	Nylock Nut, 1/2 -13	
37	110415P	Engine Support Plate	1
38	110405	Bell Housing Kit (includes items 31 and 34)	1
—	119052	Bell Housing	
—	119054	Pump Hardware Kit	
39	111611P	Lower Muffler Mount Plate	1
40	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
41	5397	Flat Washer, 5/16 inch	
42	29868	Spring Clip, 3/8 -16	
43	10597	Screw - HHC, 1/2 -13 x 1.25 inches, GR 5	
44	13066	Flat Washer, 1/2 inch	
45	6033	Lock Washer, 1/2 inch	
46	111604P	Upper Muffler Mount Plate	1
47	119484	Coolant Cap, 0.75 inch	1
48	46131	Hose Clamp, 0.63 inch	1
49	119485	Coolant Cap, 0.313 inch	1
50	21465	Hose Clamp, 0.25 inch	1
51	110424	Coolant Return Hose	1
52	25548	Screw - HHC, M10 -1.5 x 40 mm, GR 8.8	

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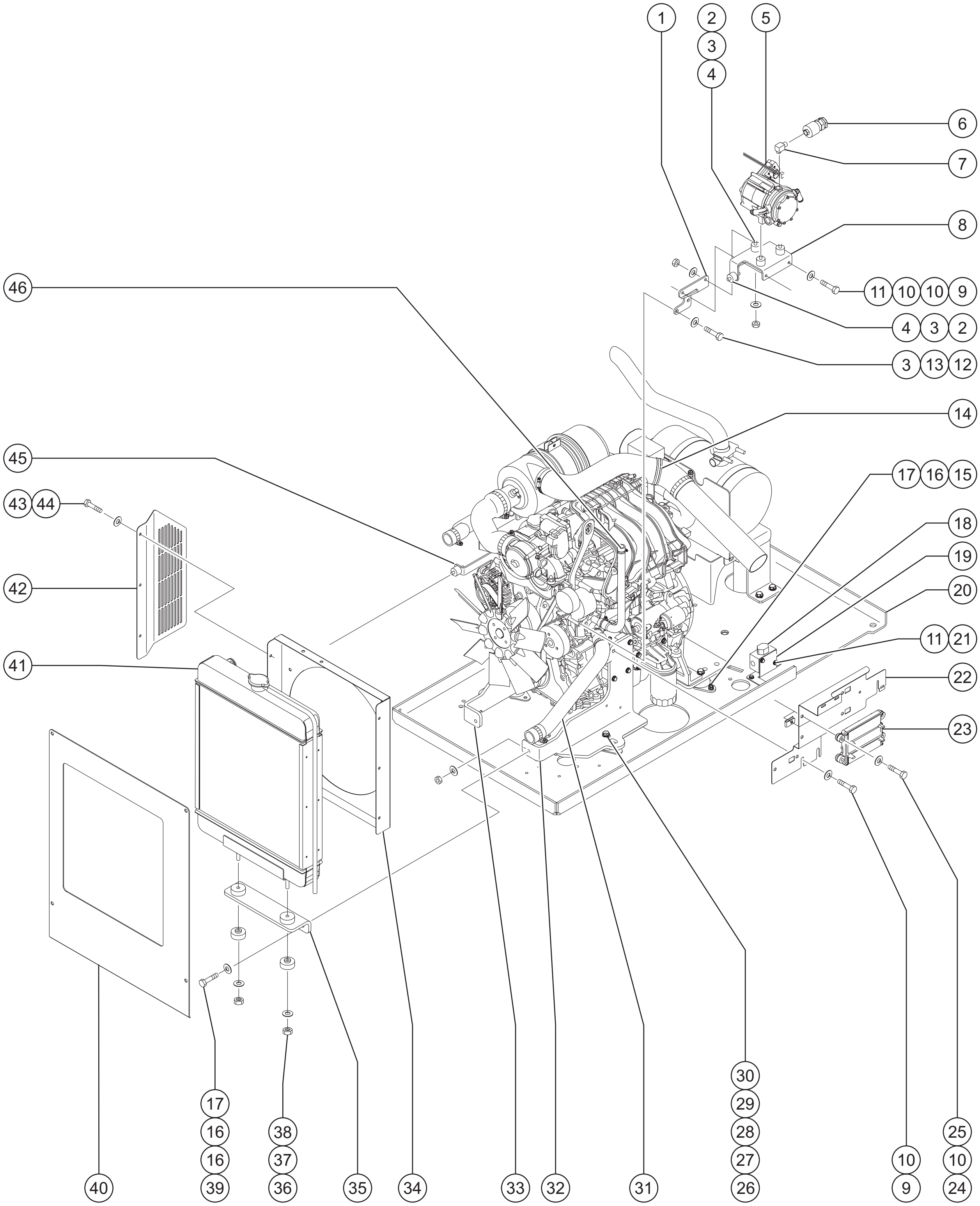
Figure	**Rev**	**Description**
421.1	A	Ford DSG-423 EFI Engine - View 3 (after serial number 11066)



421.1
Ford DSG-423 EFI Engine - View 3 (after serial number 11066) Rev A

Item	Part No.	Description	Qty.
53	22699	Flat Washer, M10	
54	22700	Lock Washer, M10	
55	102121	Muffler Clamp, 1.875 inches	1
56	119051	Muffler Mount Band	2
57	111665	Muffler	1
58	111697	Exhaust Tailpipe	1

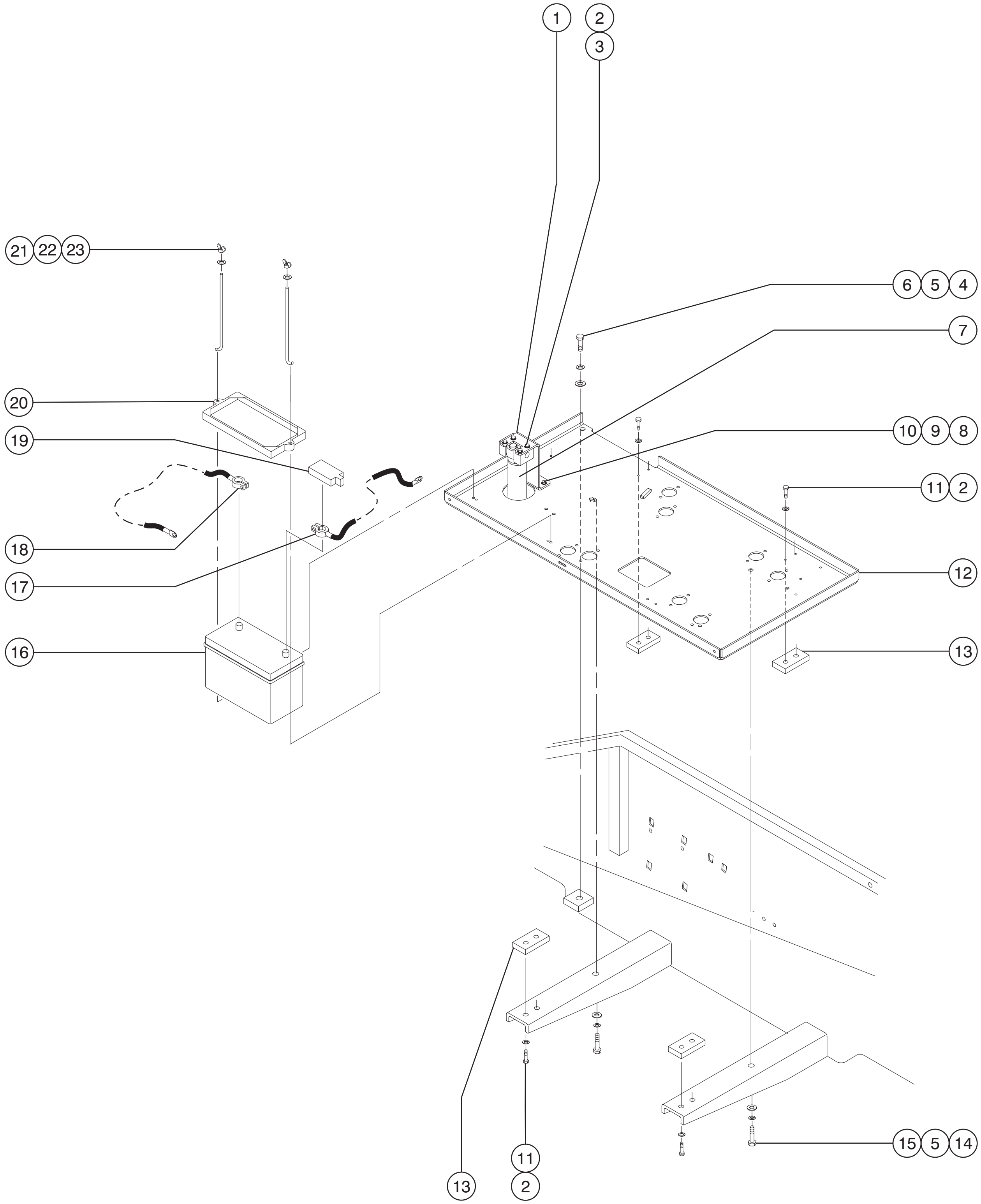
Figure	Rev	Description
422.1	A	Ford DSG-423 EFI Engine - View 4 (after serial number 11066)



422.1
Ford DSG-423 EFI Engine - View 4 (after serial number 11066) Rev A

Item	Part No.	Description	Qty.
1	110892	Regulator Support Bracket	1
2	110919	Vibration Isolator	4
3	33277	Flat Washer, M8	
4	25368	Nylock Nut, M8	
5	119185	LPG Regulator	1
—	119546	Fitting Kit	
6	119232	LPG Lockoff	1
7	19363	Fitting	1
8	110890P	LPG Regulator Mount	1
9	67349	Screw - HHC, M8 -1.25 x 50 mm, GR 8.8	
10	6638	Flat Washer, 1/4 inch	
11	6091	Nylock Nut, 1/4 -20	
12	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	
13	49408	Lock Washer, M8	
14	70257	Rubber Cushioned Clamp, 3 x 0.25 inch	1
15	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
16	6097	Flat Washer, 3/8 inch	
17	4828	Nylock Nut, 3/8 -16	
18	119170	Fuel Pressure Regulator	1
19	111699P	Regulator Mount	1
20	Ref.	Engine Tray (refer to 423.1)	
21	4266	Screw - HHC, 1/4 -20 x 2 inches, GR 5	
22	112283	ECM Bracket	1
23	119169	Engine Control Module (ECM)	1
24	6145	Screw - HHC, 1/4 -20 x 1.5 inches, GR 5	
25	56912	Spring Clip, 1/4 -20	
26	6198	Nylock Nut, 1/2 inch	
27	39479	Screw - HHC, 1/2 -13 x 2.75 inches, GR 5	
28	70452	Engine Vibration Isolator	2
29	6095	Flat Washer, 1/2 inch	
30	102066P	Cast Washer	2
31	110423	Lower Radiator Hose	1
—	119053	Hose Clamp, 1.5 inches	
32	110416P	Engine Mount, Inboard	1
33	111339	Engine Mount Assembly with Decals, Outboard	1
34	110413	Fan Shroud	1
35	110417P	Radiator Support	1
36	48425	Flange Nut, 3/8 -16	
37	15086	Fender Washer, 3/8 x 1.5 x 0.125 inch	
38	24038	Shock Mount	4
39	8516	Screw - HHC, 3/8 -16 x 1.5 inches, GR 5	
40	111632P	Radiator Baffle	1
41	110406	Radiator	1
42	111341	Fan Guard Plate with Word Decals	1
—	122017P	Fan Guard	
43	21019	Screw - PHPM, 10-24 x 0.5 inch	
44	6146	Flat Washer, #10	
45	110419P	Radiator Brace	1
—	49498	Vibration Isolator	
—	18503	Flange Nut, 5/16 -18	
46	113073	Upper Coolant Intake Hose	1
—	119053	Hose Clamp, 1.5 inches	

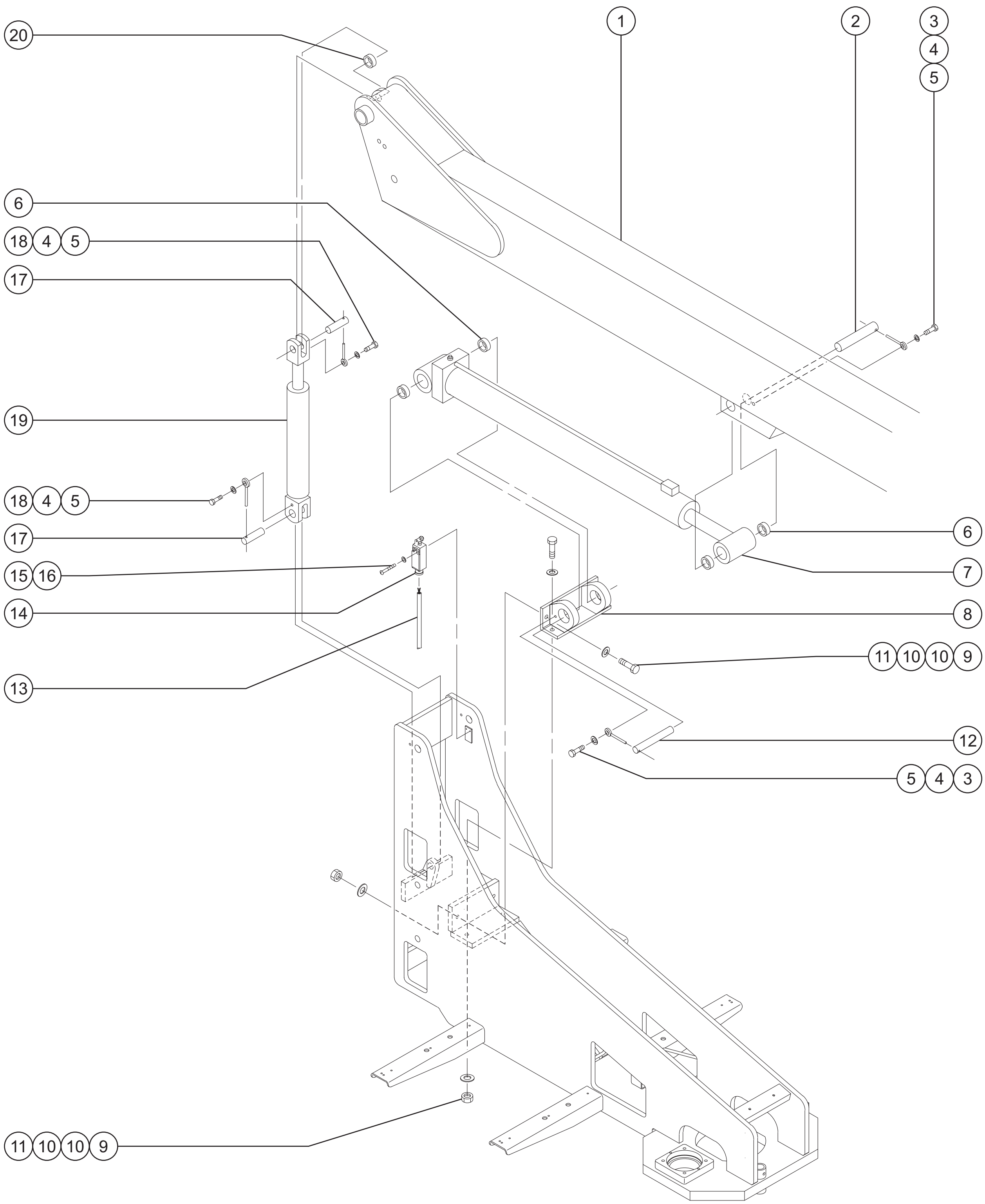
Figure	Rev	Description
423.1	B	Engine Tray, Battery and Filter Installation



423.1
Engine Tray, Battery and Filter Installation Rev B

Item	Part No.	Description	Qty.
1	89596P	Filter Mount	1
2	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
3	6356	Lock Washer, 1/4 inch	
4	29883	Screw - HHC, 5/8 -11 x 1.75 inches, GR 8	1
5	6036	Lock Washer, 5/8 inch	
6	13064	Flat Washer, 5/8 inch	
7	77139	Medium Pressure Filter Assembly	1
—	60857	Filter Kit, 3 Micron	
8	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
9	5397	Flat Washer, 5/16 inch	
10	4828	Nylock Nut, 3/8 -16	
11	6356	Lock Washer, 1/4 inch	
12	89597	Engine Tray (Perkins models) (before serial number 7472) (Deutz models) (before serial number 7544) (Ford models) (before serial number 7597)	1
—	102062P	Engine Tray (shown) (Perkins models) (after serial number 7471) (Deutz models) (after serial number 7543) (Ford models) (after serial number 7596)	
13	45209	Wear Pad, 2 x 4 x 0.5 inch	4
—	81851	Shim, 2 x 4 x 0.06 inch	
14	21175	Screw - SHC, 5/8 -11 x 4 inches	
15	33418	Plate Washer, 5/8 x 2.25 x 0.187 inches	
16	30143	Battery, 12V DC, 1000 CCA	1
—	49869	Corrosion Inhibitor Grease	
17	Ref.	Positive Battery Cable (refer to 311.1)	
18	Ref.	Negative Battery Cable (refer to 311.1)	
19	57162	Terminal Cover Boot	2
20	30144	Battery Hold Down	1
21	8170	Wing Nut, 1/4 -20	2
22	6638	Flat Washer, 1/4 inch	
23	45708	Threaded Rod, 10 inches	2

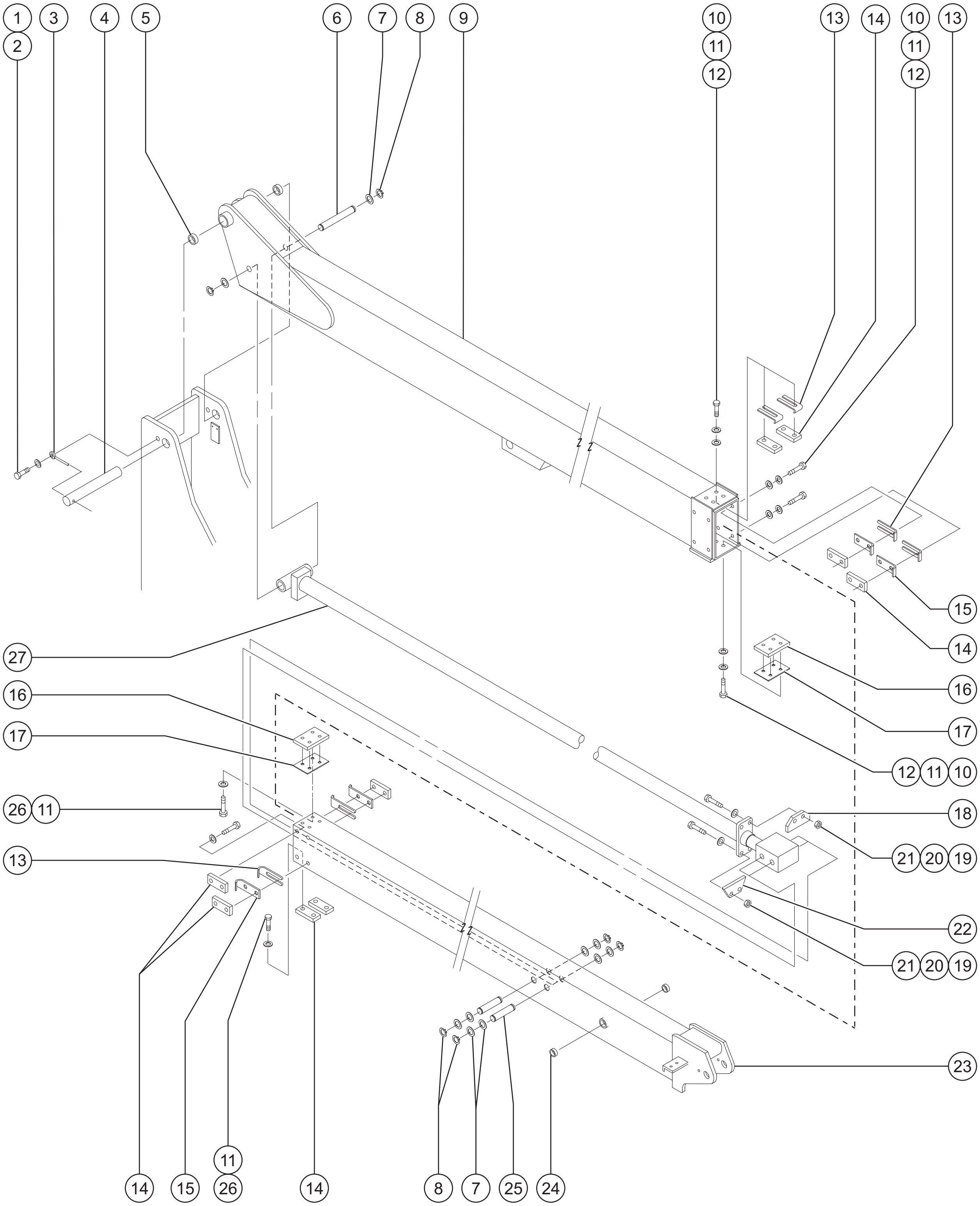
Figure	Rev	Description
501.1	E	Boom Lift and Master Leveling Cylinder Installation



501.1
Boom Lift and Master Leveling Cylinder Installation Rev E

Item	Part No.	Description	Qty.
—	Ref.	Harness, Angle Limit Switch (refer to 311.1)	
1	Ref.	Primary Boom Tube Assembly (refer to 502.1 or 503.1)	
2	30732	Pivot Pin, 6.38 x 1.5 inches	1
3	6708	Screw - HHC, 3/8 -16 x 2.25 inches, GR5	
4	6097	Flat Washer, 3/8 inch	
5	45226	Rod End, 0.375 x 3.69 inches	4
6	45072	Bearing, 1.5 x 1.65 x 1.5 inches	4
7	63206	Boom Lift Cylinder (includes item 6)	1
—	63346	Seal Kit	
—	73806	Counterbalance Valve, 3000 psi / 206.8 bar	
8	30662-S	Lift Cylinder Mount	1
9	13004	Screw - HHC, 5/8 -11 x 3 inches, GR 8	4
10	13064	Flat Washer, 5/8 inch	
11	6024	Nylock Nut, 5/8 -11	
12	30733	Pivot Pin, 7.75 x 1.5 inches	1
13	1505	Electrical Cord, 16 Ga., 2 Conductor	108 inches
14	88356-146R5	Limit Switch with Roller Head	1
—	19491	Contact	
—	89757	Roller Arm	
15	22541	Screw - RHSM, 10-32 x 1.5 inches	
16	6607	Lock Washer, #10	
17	30734	Pivot Pin, 2.88 x 1 inch (S-40)	2
—	34276	Pivot Pin, 3.25 x 1.25 inches (S-45)	
18	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	2
19	81692	Master Cylinder (S-40)	1
—	75468	Seal Kit	
19	81694	Boom Master Cylinder (S-45)	1
—	75470	Seal Kit	
20	25817	Bearing, 1 x 1.25 x 1 inch (S-40)	1
—	30370	Bearing, 1.25 x 1.5 x 1 inch (S-45)	

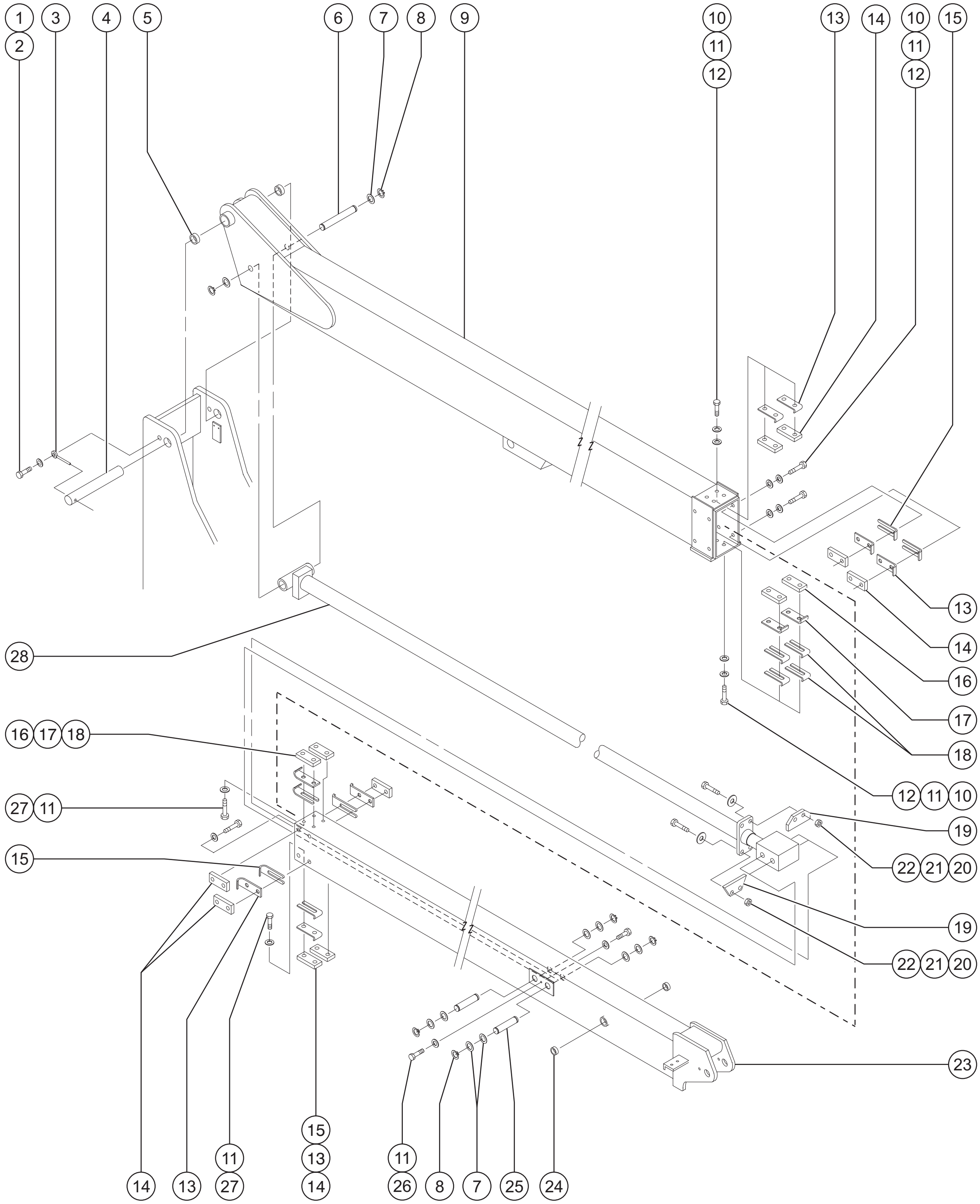
Figure	Rev	Description
502.1	B	Boom Assembly, S-40



502.1
Boom Assembly, S-40 Rev B

Item	Part No.	Description	Qty.
1	10597	Screw - HHC, $^{1}/_{2}$ -13 x 1.25 inches, GR 5	
2	6033	Lock Washer, $^{1}/_{2}$ inch	
3	30418	Rod End, 0.5 x 4 inches	1
4	30731	Pivot Pin, 16 x 1.5 inches	1
5	30738	Bearing, 1.5 x 2 x 1.5 inches	2
6	30730	Pivot Pin, 9.54 x 1 inch	1
7	30748	Flat Washer, 1.01 x 1.63 x 0.062 inch	
8	44662	External Snap Ring, 1 inch	6
9	102143	Primary Boom Tube Assembly (includes item 5)	1
—	25817	Bearing, 1 x 1.25 x 1 inch	
10	6175	Screw - HHC, $^{3}/_{8}$ -16 x 1 inch, GR 5	
11	6021	Lock Washer, $^{3}/_{8}$ inch	
12	6097	Flat Washer, $^{3}/_{8}$ inch	
13	29080	Wear Pad Shim, 5 x 1.5 x 0.0635 inch	as needed
14	30138	Wear Pad, 5 x 1.5 x 0.63 inch	12
15	38620	Wear Pad Shim, 1.5 x 5 x 0.075 inch	as needed
16	30741	Wear Pad, 6.5 x 5 x 0.75 inch	2
17	30472	Wear Pad Shim, 6.5 x 5 x 0.059 inch	as needed
18	30581	Wear Pad, 3.75 x 2 x 1 inch	1
19	6091	Nylock Nut, $^{1}/_{4}$ -20	
20	6638	Flat Washer, $^{1}/_{4}$ inch	
21	6637	Screw - HHC, $^{1}/_{4}$ -20 x 1.75 inches, GR 5	
22	30582	Wear Pad, 5.73 x 2 x 1 inch	1
23	111521	Extension Boom Tube Assembly with Decal (includes item 24) (USA/Canada/Australia)	
	111544	Extension Boom Tube Assembly (includes item 24) (Europe/Asia/South America)	
24	30220	Bearing, 1.25 x 1.5 x 0.68 inch	2
25	30729	Pivot Pin, 7 x 1 inch	2
26	8255	Screw - HHC, $^{3}/_{8}$ -16 x 0.75 inch, GR 5	
27	63202	Extension Cylinder	1
—	63342	Seal Kit	
—	89872	Counterbalance Valve, 3000 psi / 206.8 bar	
—	36188	Counterbalance Valve, 2000 psi / 137.9 bar	

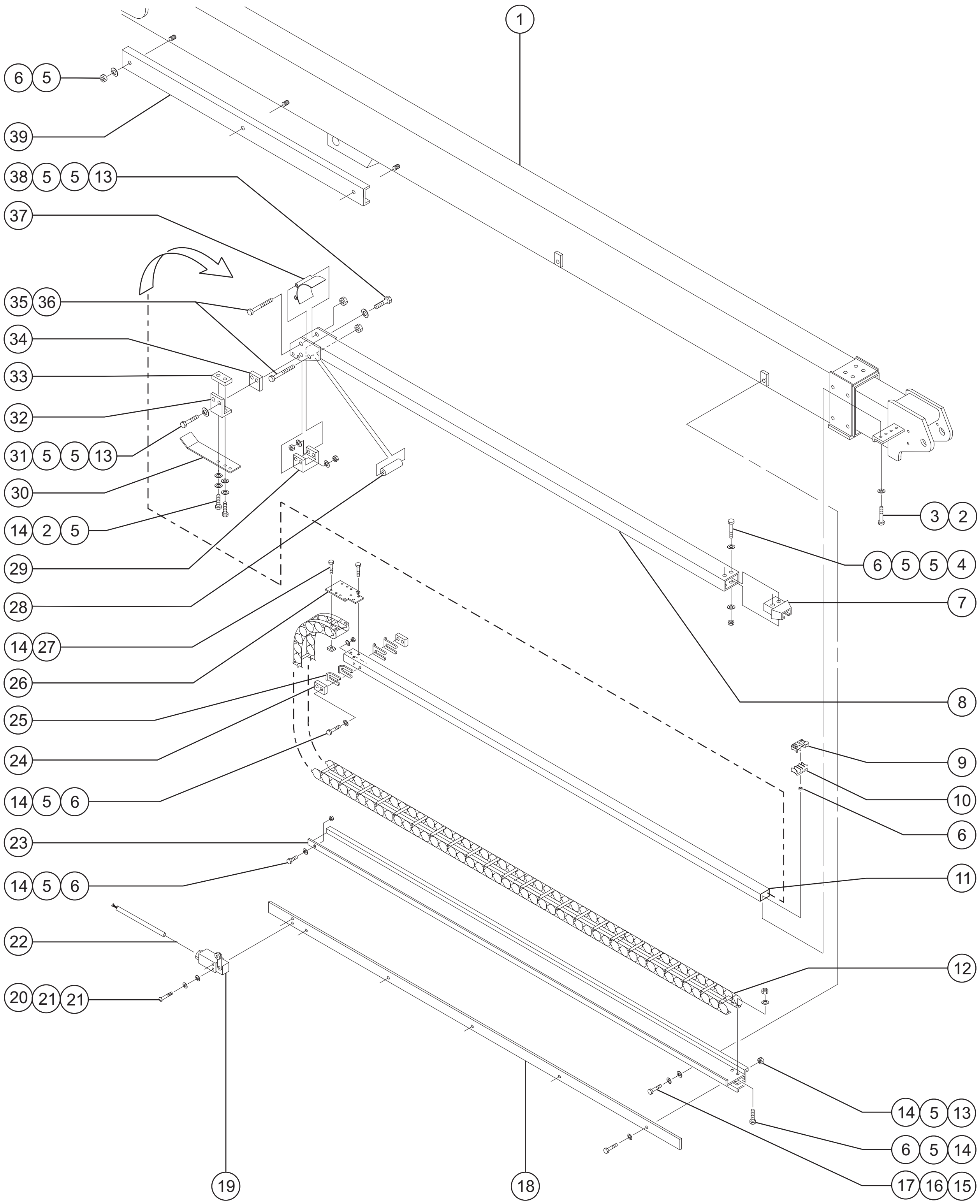
Figure	Rev	Description
503.1	B	Boom Assembly, S-45



503.1
Boom Assembly, S-45 Rev B

Item	Part No.	Description	Qty.
1	10597	Screw - HHC, 1/2 -13 x 1.25 inches, GR 5	
2	6033	Lock Washer, 1/2 inch	
3	30418	Rod End, 0.5 x 4 inches	1
4	30731	Pivot Pin, 16 x 1.5 inches	1
5	30738	Bearing, 1.5 x 2 x 1.5 inches	2
6	53219	Pivot Pin, 11.125 x 1 inch	1
7	30748	Flat Washer, 1.01 x 1.63 x 0.062 inch	
8	30742	External Snap Ring, 1 inch	6
9	102144	Primary Boom Tube Assembly (includes item 5)	1
10	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
11	6021	Lock Washer, 3/8 inch	
12	6097	Flat Washer, 3/8 inch	
13	38620	Wear Pad Shim, 1.5 x 5 x 0.075 inch	as needed
14	30138	Wear Pad, 5 x 1.5 x 0.63 inch	8
15	29080	Wear Pad Shim, 5 x 1.5 x 0.064 inch	as needed
16	34124	Wear Pad, 5 x 3 x 0.63 inch	4
17	38621	Wear Pad Shim, 3 x 5 x 0.0747 inch	as needed
18	34344	Wear Pad Shim, 3 x 5 x 0.0635 inch	as needed
19	53197	Wear Pad, 6.5 x 2.75 x 1 inch	2
20	6091	Nylock Nut, 1/4 -20	
21	12906	Fender Washer, 1/4 x 1.25 inches	
22	6637	Screw - HHC, 1/4 -20 x 1.75 inches, GR 5	
23	52882	Extension Boom Tube Assembly with Decal (includes item 24) (USA/Canada/Australia)	1
—	111408	Extension Boom Tube Assembly (includes item 24) (Europe/Asia/South America)	
24	30220	Bearing, 1.25 x 1.5 x 0.68 inch	2
25	53200	Pivot Pin, 8.71 x 1 inch	2
26	53354	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
27	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	
28	63202	Extension Cylinder	1
—	63342	Seal Kit	
—	89872	Counterbalance Valve, 3000 psi / 206.8 bar	
—	36188	Counterbalance Valve, 2000 psi / 137.9 bar	

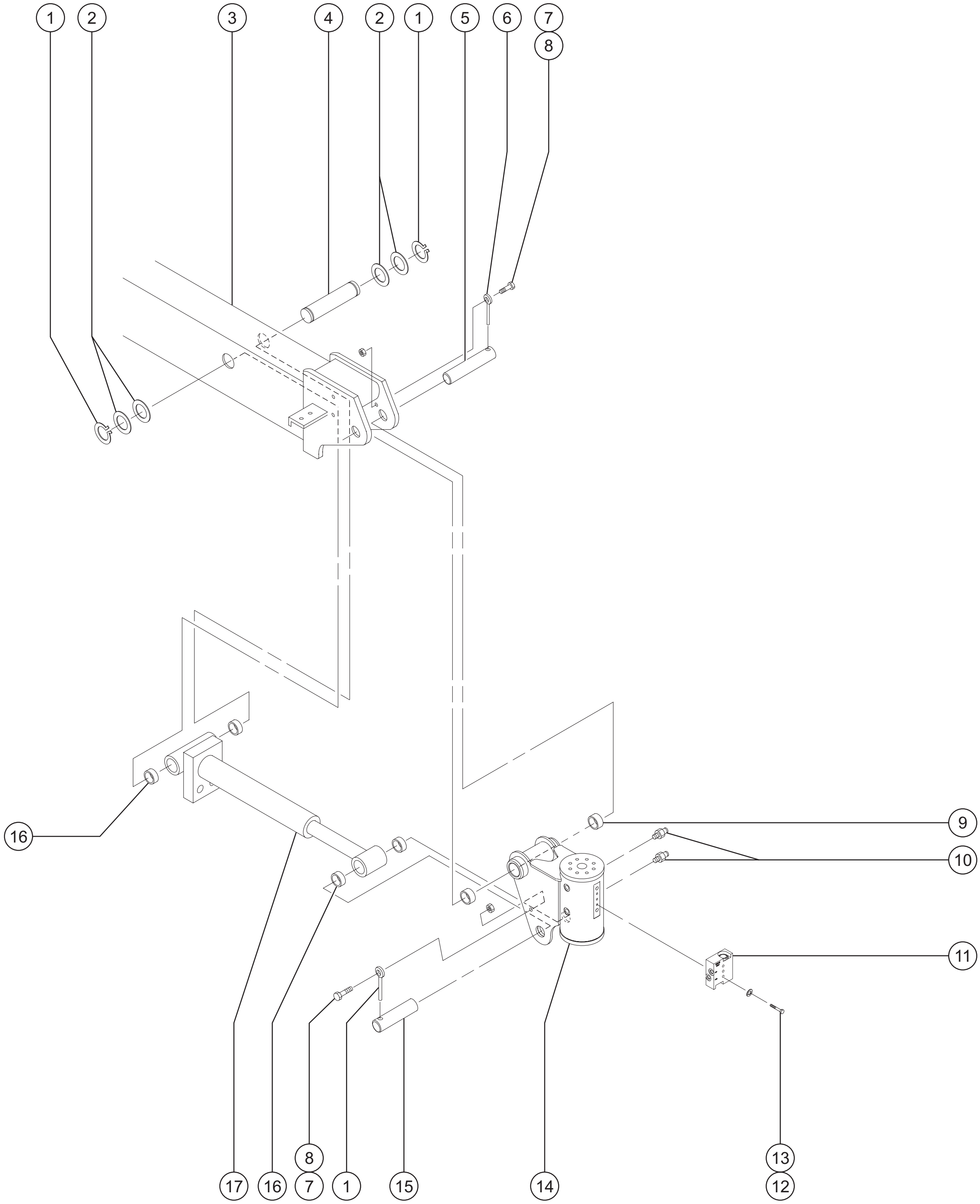
Figure	Rev	Description
504.1	D	Cable Track Installation



504.1
Cable Track Installation Rev D

Item	Part No.	Description	Qty.
—	Ref.	Wire Harness, Extend/Retract Limit Switch (refer to 311.1)	
1	Ref.	Boom Assembly (refer to 502.1 or 503.1)	
2	8914	Screw - HHC, 1/4 -20 x 0.625 inch, GR 5	
3	6356	Lock Washer, 1/4 inch	
4	6115	Screw - HHC, 1/4 -20 x 3.5 inches, GR 5	
5	6638	Flat Washer, 1/4 inch	
6	6889	Low Profile Nylock Nut, 1/4 -20	
7	41750	Guide Block	1
8	30671-S	Cable Track Tube Assembly	1
9	63433	Top Hose Clamp	1
10	63432	Bottom Hose Clamp	1
11	43852-S	Track Support Cable Tube	1
12	73994	Cable Track, 41 Links	1
—	81007	Repair Link Set, 4 Links	
13	6091	Nylock Nut, 1/4 -20	
14	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
15	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	
16	6021	Lock Washer, 3/8 inch	
17	6097	Flat Washer, 3/8 inch	
18	44081-S	Track Tray Cable Cover	1
19	88356-11165	Limit Switch with Roller Arm	1
—	19491	Contact	
—	27643	Roller Arm	
20	6179	Screw - RHSM, 10-32 x 1.25 inches	
21	6607	Lock Washer, #10	
22	1505	Electrical Cord, 16 Ga., 2 Conductor	236 inches
23	52653	Cable Track Tray with Trim	1
24	31411	Wear Pad, 3.63 x 2.75 x 0.75 inch	2
25	34954	Wear Pad Shim, 16 Ga. 1.5 x 3.5 inches	as needed
26	43191P	Cable Track Attachment Plate	1
27	25969	Spring Clip Nut, 1/4 -20	4
28	40653	Roller - UHMW	1
29	43128	Slide Block	1
30	36204P	Limit Switch Extension Bracket	1
31	8179	Screw - HHC, 1/4 -20 x 2.25 inches, GR 5	
32	41031P	Cable Track Guide Bracket	1
33	41029	Wear Pad, 3 x 2 x 0.5 inch	1
34	41030	Wear Pad, 2.5 x 2.25 x 0.5 inch	1
35	22832	Screw - HHC, 3/8 -16 x 6 inches, GR 5	
36	7713	Nylock Nut, 3/8 -16	
37	36593	Cable Track Guide	1
38	6145	Screw - HHC, 1/4 -20 x 1.5 inches, GR 5	
39	25072P-S	Lower Cable Track Hose Cover	1

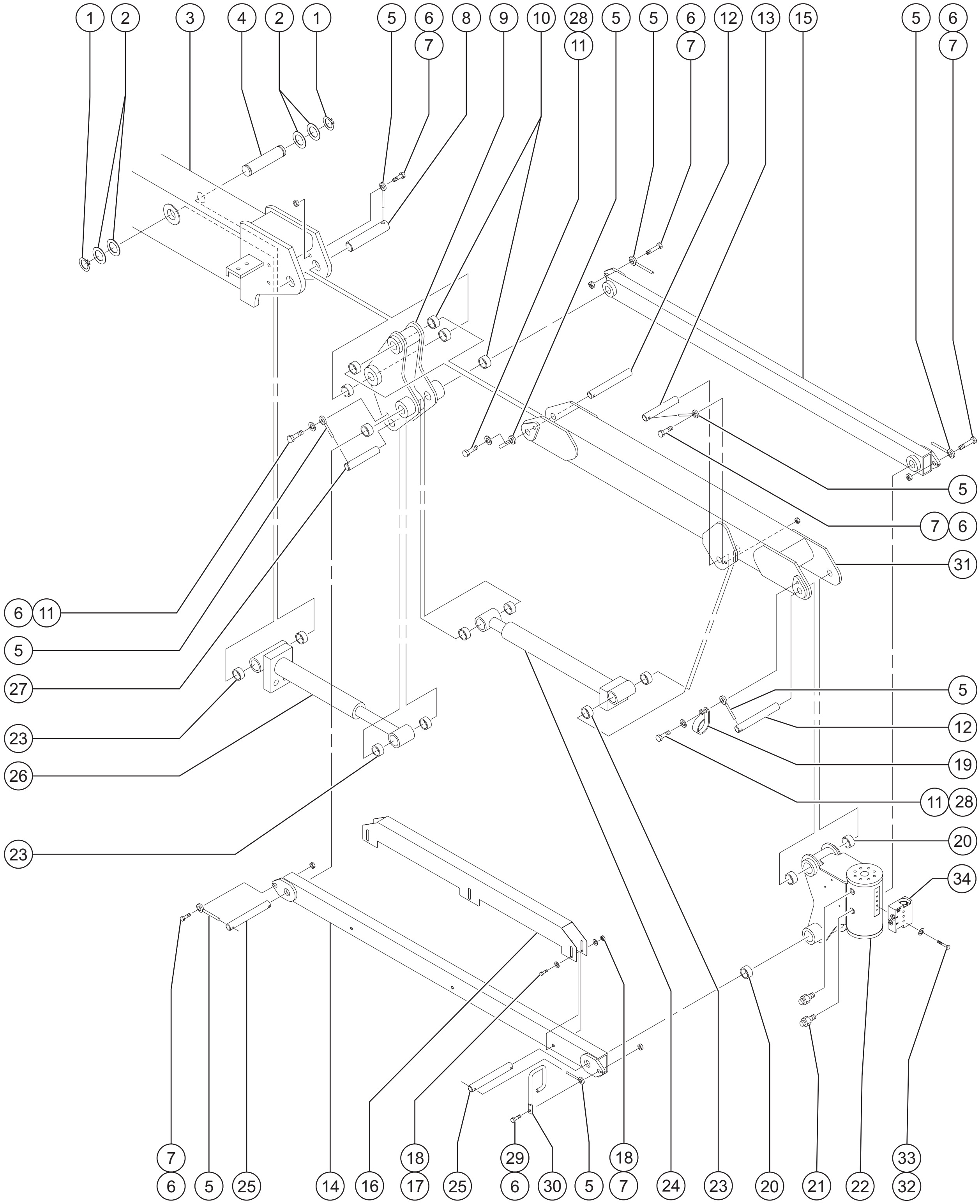
Figure	Rev	Description
505.1	D	Slave Cylinder and Platform Rotator, S-40



505.1
Slave Cylinder and Platform Rotator, S-40 Rev D

Item	Part No.	Description	Qty.
1	30217	External Snap Ring, 1.25 inches	2
2	30255	Flat Washer, 1.27 x 2.13 x 0.062	
3	Ref.	Boom Assembly (refer to 502.1)	
4	30728	Pivot Pin, 7.13 x 1.25 inches	1
5	34239	Pivot Pin, 7.88 x 1.25 inches	1
6	30418	Rod End, 0.5 x 3.75 inches	2
7	8516	Screw - HHC, 3/8 -16 x 1.5 inches, GR 5	
8	4828	Nylock Nut, 3/8 -16	
9	30219	Bearing, 1.25 x 1.41 x 1 inch (before serial number 8126)	2
—	30370	Bearing, 1.25 x 1.5 x 1 inch (after serial number 8125)	
10	13852	Bleed Valve Assembly (before serial number 8126)	2
—	88516	Bleed Valve Assembly (after serial number 8125)	
11	Ref.	Rotator Manifold (refer to 704.1)	
12	6145	Screw - HHC, 1/4 -20 x 1.5 inches, GR 5	
13	6638	Flat Washer, 1/4 inch	
14	94398	Platform Rotator (includes items 9 and 10)	1
—	62417	Seal Kit (before serial number 8126)	
—	94442	Seal Kit (after serial number 8125)	
—	106421	Arctic Seal Kit (before serial number 8126)	
—	75395	Bearing Kit (before serial number 8126)	
15	30187	Pivot Pin, 5.25 x 1.25 inches	1
16	59266	Bearing, 1.25 x 1.5 x 0.75 inch	4
17	81693	Slave Cylinder (includes item 16)	1
—	75469	Seal Kit	
—	59267	Counterbalance Valve, 3500 psi / 242 bar (before serial number 7358)	
—	77303	Counterbalance Valve, 3500 psi / 242 bar (after serial number 7357)	

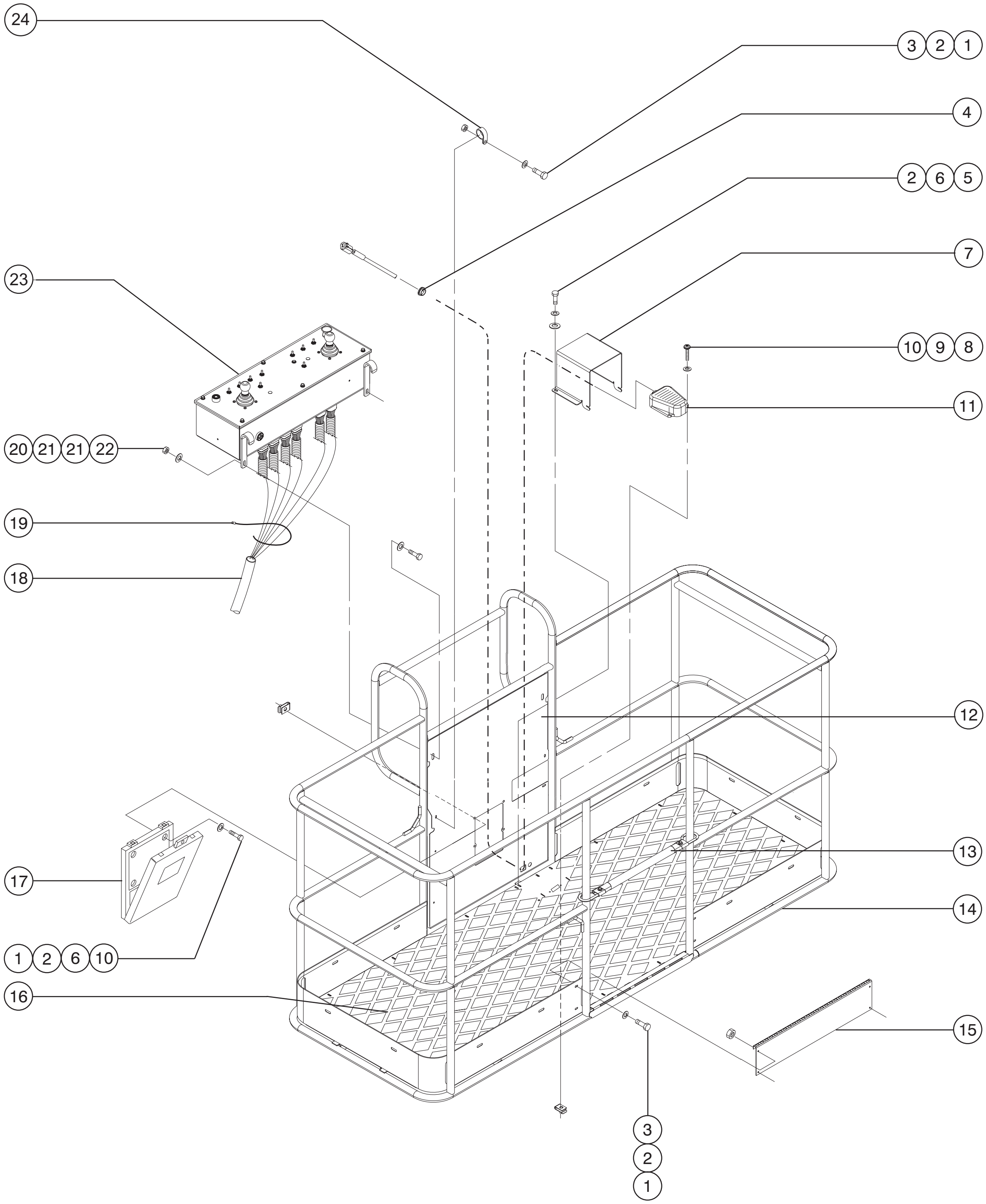
Figure	**Rev**	**Description**
506.1	D	Jib Boom and Platform Rotator, S-45



506.1
Jib Boom and Platform Rotator, S-45 Rev D

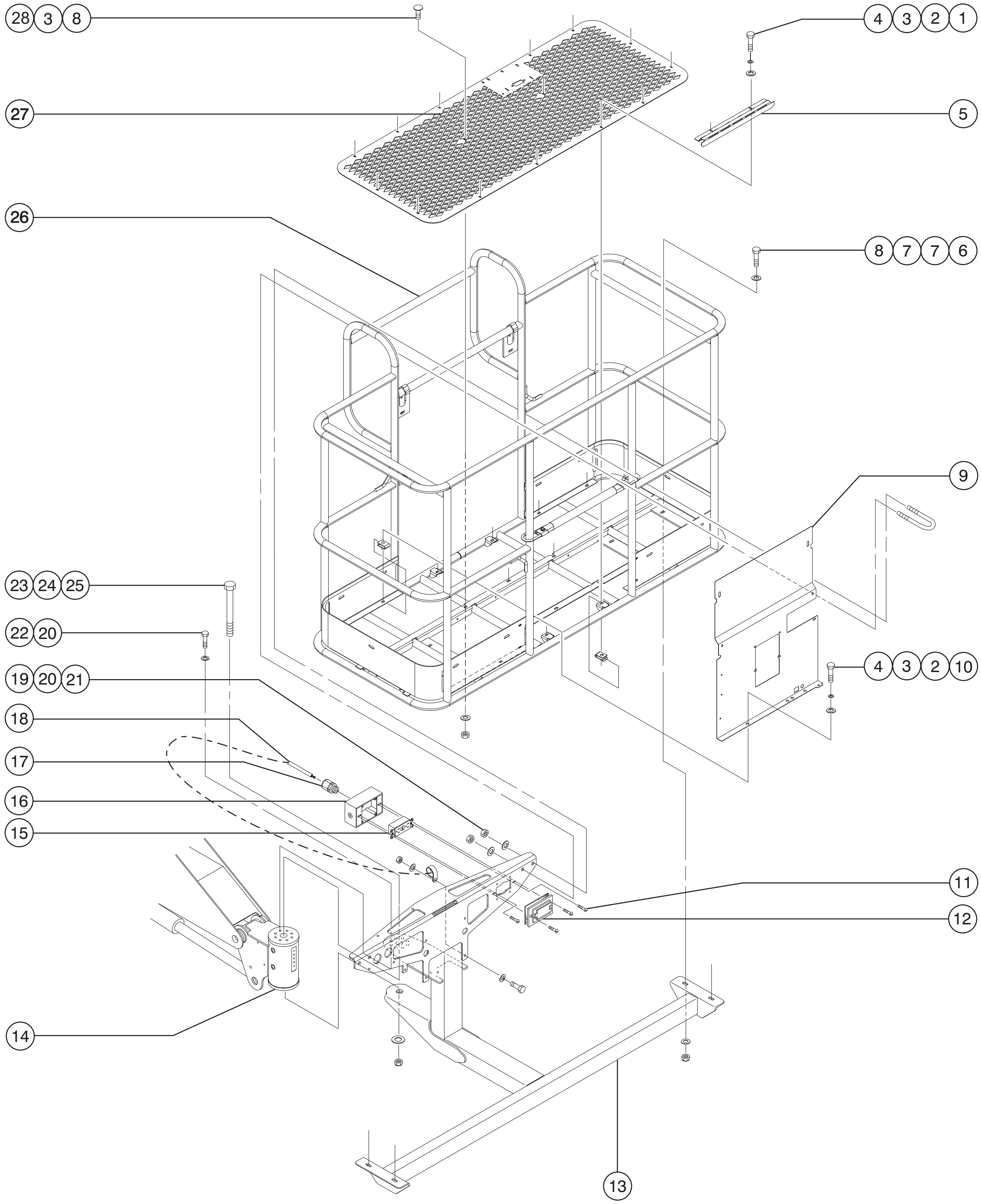
Item	Part No.	Description	Qty.
1	30217	External Snap Ring, 1.25 inches	2
2	30255	Flat Washer, 1.27 x 2.13 x 0.062 inch	
3	Ref.	Boom Assembly (refer to 502.1 or 503.1)	
4	34267	Pivot Pin, 8.25 x 1.30 inches	1
5	45226	Rod End, 0.375 x 3.25 inches	9
6	8516	Screw - HHC, 3/8 -16 x 1.5 inches, GR 5	
7	4828	Nylock Nut, 3/8 -16	
8	34266	Pivot Pin, 9.5 x 1.25 inches	1
9	89801	Bellcrank Assembly with Bearings (includes item 10)	1
10	35675	Flange Bearing, 1.25 x 1.5 x 1.25 inches	6
11	6021	Lock Washer, 3/8 inch	
12	34239	Pivot Pin, 7.88 x 1.25 inches	2
13	34241	Pivot Pin, 7 x 1.25 inches	1
14	61306	Leveling Arm, Tank Side	1
15	60789	Leveling Arm, Engine Side	1
16	89642P	Hose Cover	1
17	6326	Screw - HHC, 3/8 -16 x 3 inches, GR 5	
18	5397	Flat Washer, 5/16 inch	
19	32339	Rubber Cushioned Clamp	1
20	30219	Bearing, 1.25 x 1.41 x 1 inch (before serial number 8183)	4
—	30370	Bearing, 1.25 x 1.5 x 1 inch (after serial number 8182)	
21	13852	Bleed Valve Assembly (before serial number 8183)	2
—	88516	Bleed Valve Assembly (after serial number 8182)	
22	94397	Platform Rotator (includes items 20 and 21)	1
—	62417	Seal Kit (before serial number 8126)	
—	94442	Seal Kit (after serial number 8182)	
—	106421	Arctic Seal Kit (before serial number 8126)	
—	75395	Bearing Kit (before serial number 8126)	
23	25683	Bearing, 1.25 x 1.375 x 0.69 inch	8
24	63213	Jib Boom Cylinder (includes item 23)	1
—	63353	Seal Kit	
—	33428	Counterbalance Valve, 3000 psi / 207 bar	
—	43018	Seal Kit	
25	81175	Leveling Arm Pin, 14.25 x 1.25 inches	2
26	63210	Slave Cylinder (includes of item 23)	1
—	63350	Seal Kit	
—	77303	Counterbalance Valve, 3500 psi / 242 bar	
27	30187	Pivot Pin, 5.25 x 1.25 inches	1
28	5224	Screw - HHC, 3/8 -16 x 2 inches, GR 5	
29	7713	Nylock Nut, 3/8 -16	
30	75016P	Jib Boom Hose Guard	1
31	60933	Jib Boom	1
32	6145	Screw - HHC, 1/4 -20 x 1.5 inches, GR 5	
33	6638	Flat Washer, 1/4 inch	
34	Ref.	Rotator Manifold (refer to 704.1)	

Figure	Rev	Description
601.1	D	Platform Installation - View 1



Item	Part No.	Description	Qty.
Platform Assemblies with Word Decals:			
(before serial number 9753)			
USA and Canadian models:			
—	89742	4 Foot Platform Assembly	
—	89743	5 Foot Platform Assembly	
—	89335	6 Foot Platform Assembly	
—	89337	8 Foot Platform Assembly	
Australian models:			
—	89746	4 Foot Platform Assembly	
—	89747	5 Foot Platform Assembly	
—	89748	6 Foot Platform Assembly	
—	89749	8 Foot Platform Assembly	
(after serial number 9752)			
USA and Canadian models:			
—	111234	4 Foot Platform Assembly	
—	111235	5 Foot Platform Assembly	
—	111236	6 Foot Platform Assembly	
—	111237	8 Foot Platform Assembly	
Australian models:			
—	111238	4 Foot Platform Assembly	
—	111239	5 Foot Platform Assembly	
—	111240	6 Foot Platform Assembly	
—	111241	8 Foot Platform Assembly	
Platform Assemblies with Symbol Decals:			
European models:			
—	89744	4 Foot Platform Assembly	
—	89745	5 Foot Platform Assembly	
—	89336	6 Foot Platform Assembly	
—	89338	8 Foot Platform Assembly	
Asian and South American models:			
—	89750	4 Foot Platform Assembly	
—	89751	5 Foot Platform Assembly	
—	89752	6 Foot Platform Assembly	
—	89753	8 Foot Platform Assembly	
1	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
2	6638	Flat Washer, 1/4 inch	
3	6091	Nylock Nut, 1/4 -20	
4	53517	Rubber Grommet, 0.5 x .014 inch	2
5	8915	Screw - HHC, 1/4 -20 x 1.25 inches, GR 5	
6	6356	Lock Washer, 1/4 inch	
7	73931	Foot Switch Guard (USA, Canada, Australia)	1
—	63766	Foot Switch Guard (Europe, Asia, South America)	
8	73587	Screw - PHM, 10-24 x 0.75	
9	6607	Lock Washer, #10	
10	73575	Spring Clip Nut, 10-24	
11	73233	Foot Switch Wire Assembly with Connector	1
—	7056	Squeeze Connector, 1/2 inch NPT	
—	13482	Foot Switch Microswitch	
12	Ref.	Decal Plate (refer to 602.1)	
13	102992	Sliding Mid-rail Assembly with decal	1
—	12443	Sliding Mid-rail Guide	
—	12446P	Sliding Mid-rail Tube	
—	20973	Wire Loom, 3/8 inch	
—	21121	Black Cable Tie, 4 inches	
14	73610	Platform Entry Step	1
15	94745P	European Platform Entry Toeboard	1
16	Ref.	Platform Flooring (refer to 602.1)	
17	44743	Manual Storage Box with Decals (USA, Canada, Australia)	1
—	24514	Manual Storage Box with Decals (Europe, Asia, South America)	
18	79138	Nylon Sleeve	72 inches
19	28443	Cable Tie, 11.5 inches	3
20	4828	Nylock Nut, 3/8 -16	
21	5397	Flat Washer, 5/16 inch	
22	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
23	Ref.	Platform Control Box Assembly (refer to 603.1 and 604.1)	
24	56424	Rubber Cushioned Clamp, 1.25 x 0.5 inch	1

Figure	Rev	Description
602.1	E	Platform Installation - View 2



602.1
Platform Installation - View 2 Rev E

Item	Part No.	Description	Qty.
1	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
2	6356	Lock Washer, 1/4 inch	
3	6638	Flat Washer, 1/4 inch	
4	73871	Spring Clip Nut, 1/4 -20	
5	73610	Platform Entry Step	1
6	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
7	6097	Flat Washer, 3/8 inch	
8	4828	Nylock Nut, 3/8 -16	
9	89334	Decal Plate (before serial number 7182)	1
—	102145	Decal Plate with Word Decals (USA, Canada, Australia) (from serial number 7182 to 9752)	
—	111275	Decal Plate with Word Decals (USA, Canada, Australia) (after serial number 9752)	
—	102146	Decal Plate with Symbol Decals (Europe, Asia, South America) (after serial number 7181)	
10	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
11	75067	Screw - PHPM, 6-32 x 0.875 inch	
12	74006	GFCI Weatherproof Cover (includes mounting fasteners)	1
13	94390-S	Platform Mount (6 foot or 8 foot platform)	1
—	102679	Platform Mount (4 foot or 5 foot platform)	
14	Ref.	Platform Rotator (refer to 505.1 or 506.1)	
15	13585	GFCI Receptacle, 110V AC	1
—	33629	UK Power to Platform Plate	
—	33724	Gasket Kit	
—	67506	UK Receptacle, 110V AC	
16	10775	T-Box, 2.75 x 4.5 x 2 inches	1
17	7056	Squeeze Connector, 1/2 inch NPT	1

Item	Part No.	Description	Qty.
18	43956	Electrical Cord, 14 Ga., 3 Conductor (S-40)	828 inches
		(S-45)	888 inches
19	4828	Nylock Nut, 3/8 -16	
20	57201	Hardened Flat Washer, 0.313 inch	8
21	6550	U-bolt, 3/8 - 16 x 1.5 x 2.5 x 1.25 inches	2
22	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5 (before serial number 7054)	8
—	77692	Screw - HHC, 3/8 -16 x 1 inch, GR 8 (after serial number 7053)	
23	73928	Screw - HHC, 1-8 x 11 inches, GR 5	
24	13775	Flat Washer, 1.063 x 2 x 0.134 inch	
25	29764	Nylock Nut, 1-8	

USA and Canadian Railing Assembly with Decals: (before serial number 9753)

Item	Part No.	Description	Qty.
26	77838	4 Foot Platform Railing	1
—	77840	5 Foot Platform Railing	
—	73975	6 Foot Platform Railing	
—	73976	8 Foot Platform Railing	

(after serial number 9752)

Item	Part No.	Description	Qty.
26	111250	4 Foot Platform Railing	1
—	111251	5 Foot Platform Railing	
—	111252	6 Foot Platform Railing	
—	111253	8 Foot Platform Railing	

European Railing Assembly with Decals:

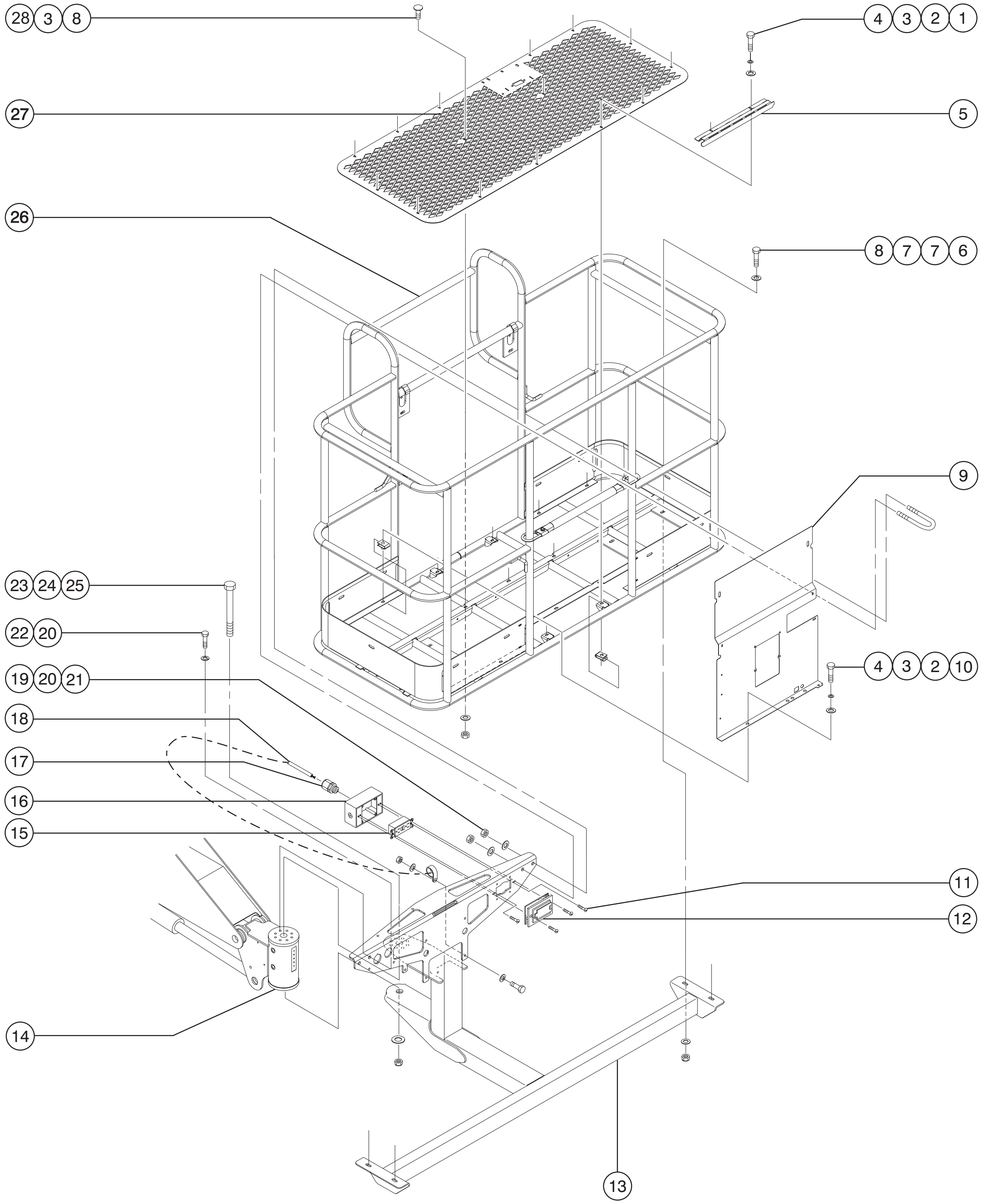
Item	Part No.	Description	Qty.
26	101373	4 Foot Platform Railing	1
—	101376	5 Foot Platform Railing	
—	101379	6 Foot Platform Railing	
—	101382	8 Foot Platform Railing	

Australian Railing Assembly with Decals:

Item	Part No.	Description	Qty.
26	101374	4 Foot Platform Railing	1
—	101377	5 Foot Platform Railing	
—	101380	6 Foot Platform Railing	
—	101383	8 Foot Platform Railing	

This list continues on the next page.

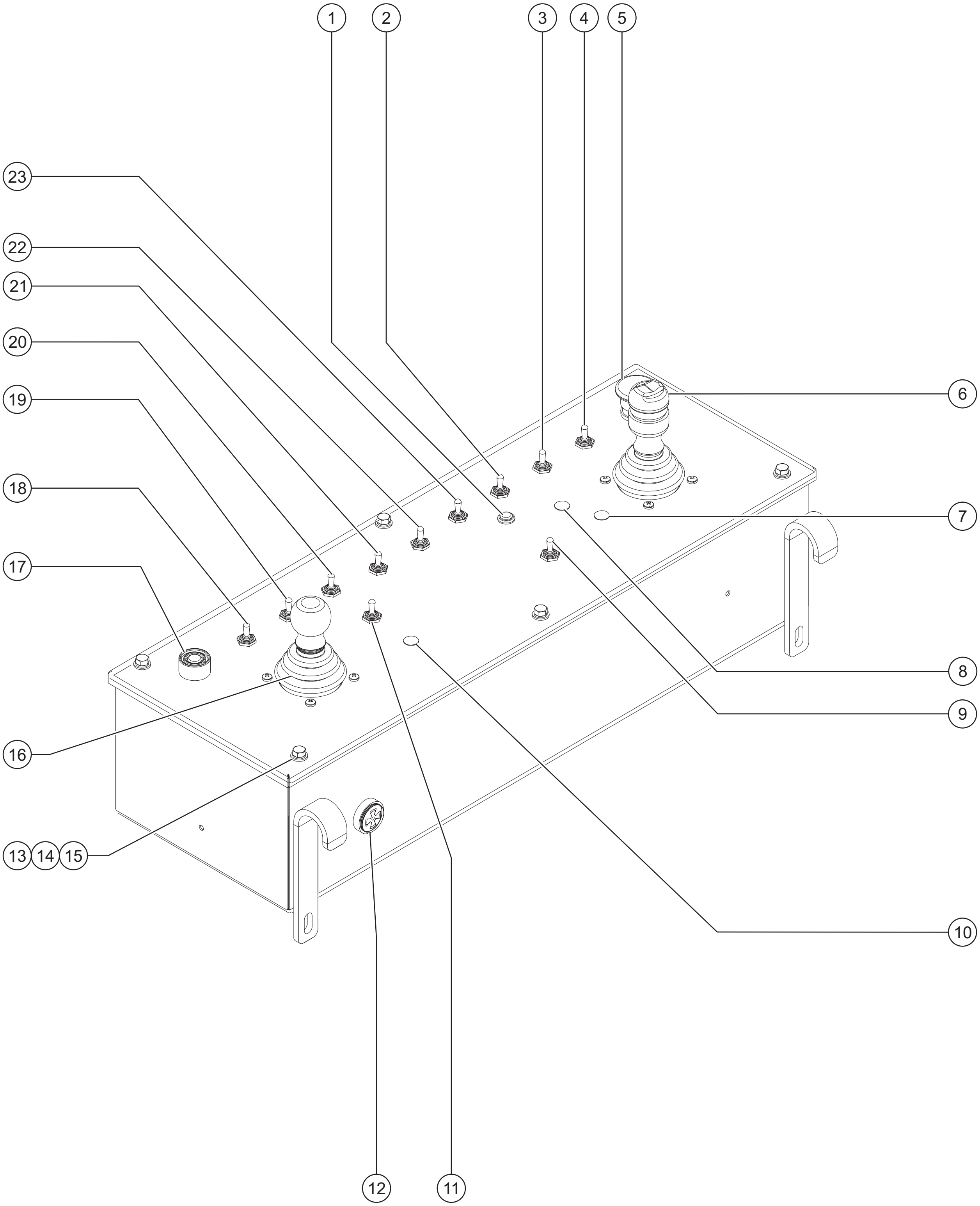
Figure	Rev	Description
602.1	E	Platform Installation - View 2



602.1
Platform Installation - View 2 Rev E

Item	Part No.	Description	Qty.
Asian and South American Railing Assembly with Decals:			
26	101375	4 Foot Platform Railing	1
—	101378	5 Foot Platform Railing	
—	101381	6 Foot Platform Railing	
—	101384	8 Foot Platform Railing	
27	60160P	4 Foot Platform Flooring	1
—	54247P	5 Foot Platform Flooring	
—	73477P	6 Foot Platform Flooring	
—	73478P	8 Foot Platform Flooring	
28	54274	Step Bolt, $^1/_4$ -20 x 0.75 inch	

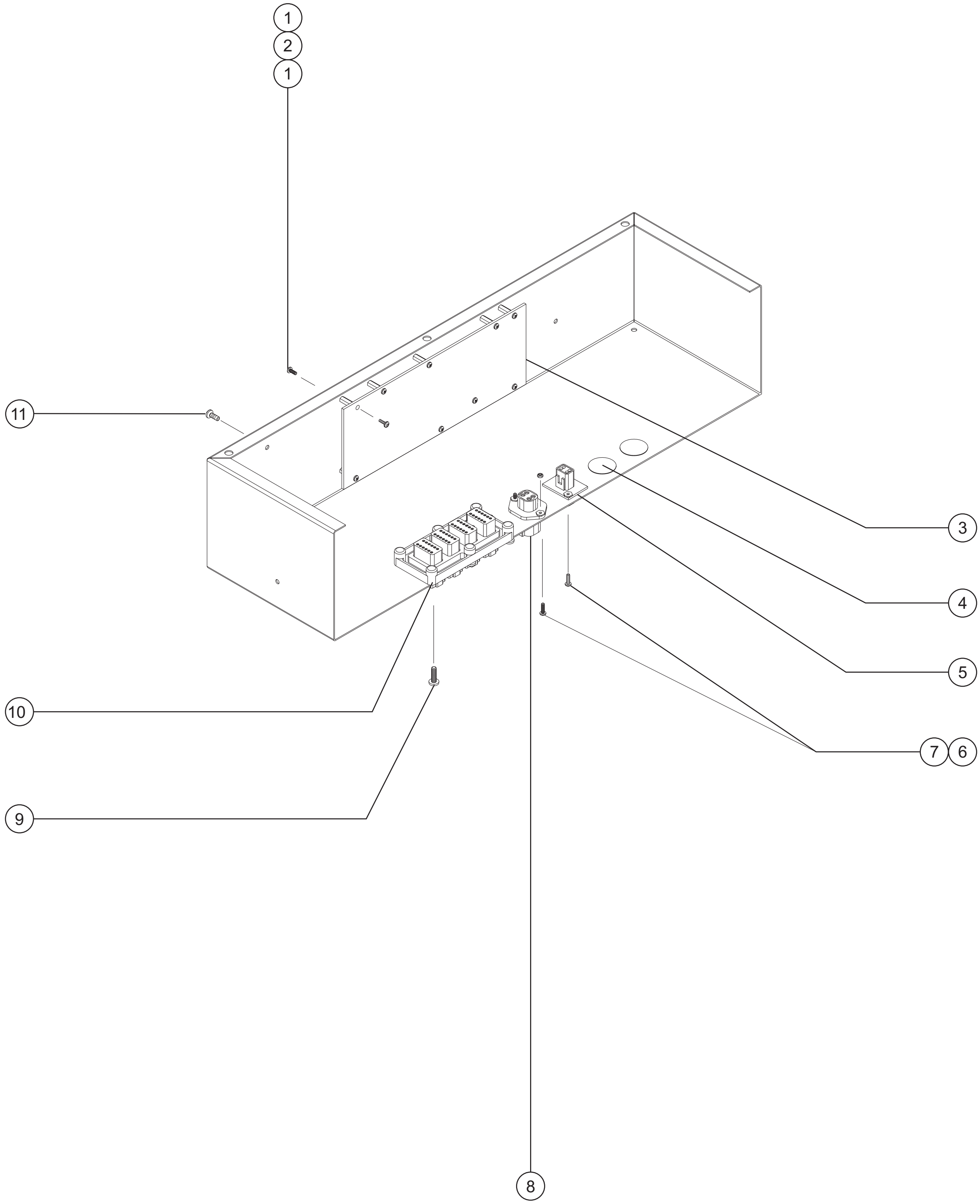
Figure	Rev	Description
603.1	B	Platform Control Box - View 1



603.1
Platform Control Box - View 1 Rev B

Item	Part No.	Description	Qty.
—	89844	Platform Control Box Assembly (before serial number 7181)	
—	102147	Platform Control Box Assembly (after serial number 7180)	
—	27246	Rubber Boot	
—	54692	Nylon Spacer, 0.718 x 0.526 x 0.219 inch	
—	Ref.	Toggle Switch (generator option) (refer to 808.1)	
1	56298	Red LED Light, 12V DC (drive indicator)	1
—	56848	Lock Retainer Washer	
2	13037-S	Toggle Switch (engine start) SPDT, 3 position, Momentary	1
3	56457-S	Toggle Switch (engine idle slow/fast) SPDT, 2 position, Maintained	1
4	56457-S	Toggle Switch (gasoline/LPG) SPDT, 2 position, Maintained	1
5	66812	Red Push Button with Base Mushroom Head	1
—	94506	Push Button Base (includes N.C. contacts)	
—	66818	N.C. Contact	
6	Ref.	Joystick Controller, Multi-axis (drive/steer) (refer to 605.1)	
—	Ref.	Joystick Controller, Single-axis with Steer Rocker Switch (option) (refer to 605.1)	
7	45384	Black Plastic Plug, 0.5 inch	1
—	56298	Red LED Light, 12V DC (tilt alarm)	
8	45384	Black Plastic Plug, 0.5 inch	1
—	56298	Red LED Light, 12V DC (platform overload)	
9	13037-S	Toggle Switch (drive enable) SPDT, 3 position, Momentary	1
10	45384	Black Plastic Plug, 0.5 inch	1
—	27378-S	Toggle Switch (work/drive light option) DPDT, 2 Position, Maintained	1
11	13037-S	Toggle Switch (boom extend/retract) SPDT, 3 position, Momentary	1
12	45383	Warble Tone Alarm, 5-30V DC (includes mounting fasteners)	1
—	72326	Ring Nut	
13	8914	Screw - HHC, $^{1}/_{4}$ -20 x 0.63 inch	
14	6356	Lock Washer, $^{1}/_{4}$ inch	
15	6638	Flat Washer, $^{1}/_{4}$ inch	
16	Ref.	Joystick Controller, Multi-axis (boom up/down and turntable left/right) (refer to 605.1)	
17	66813	Black Push Button	1
—	66815	Push Button Base (includes N.O. contact)	
—	66816	N.O Contact.	
18	13037-S	Toggle Switch (platform level) SPDT, 3 position, Momentary	1
19	16397-S	Toggle Switch (platform rotate) DPDT, 3 position, Momentary	1
20	13037-S	Toggle Switch (jib boom up/down) SPDT, 3 position, Momentary	1
21	42730-S	Toggle Switch (auxiliary power) SPDT, 2 position, Momentary	1
22	56457-S	Toggle Switch (drive speed select) SPDT, 2 position, Maintained	1
23	13037-S	Toggle Switch (glow plug option) SPDT, 3 position, Momentary	1

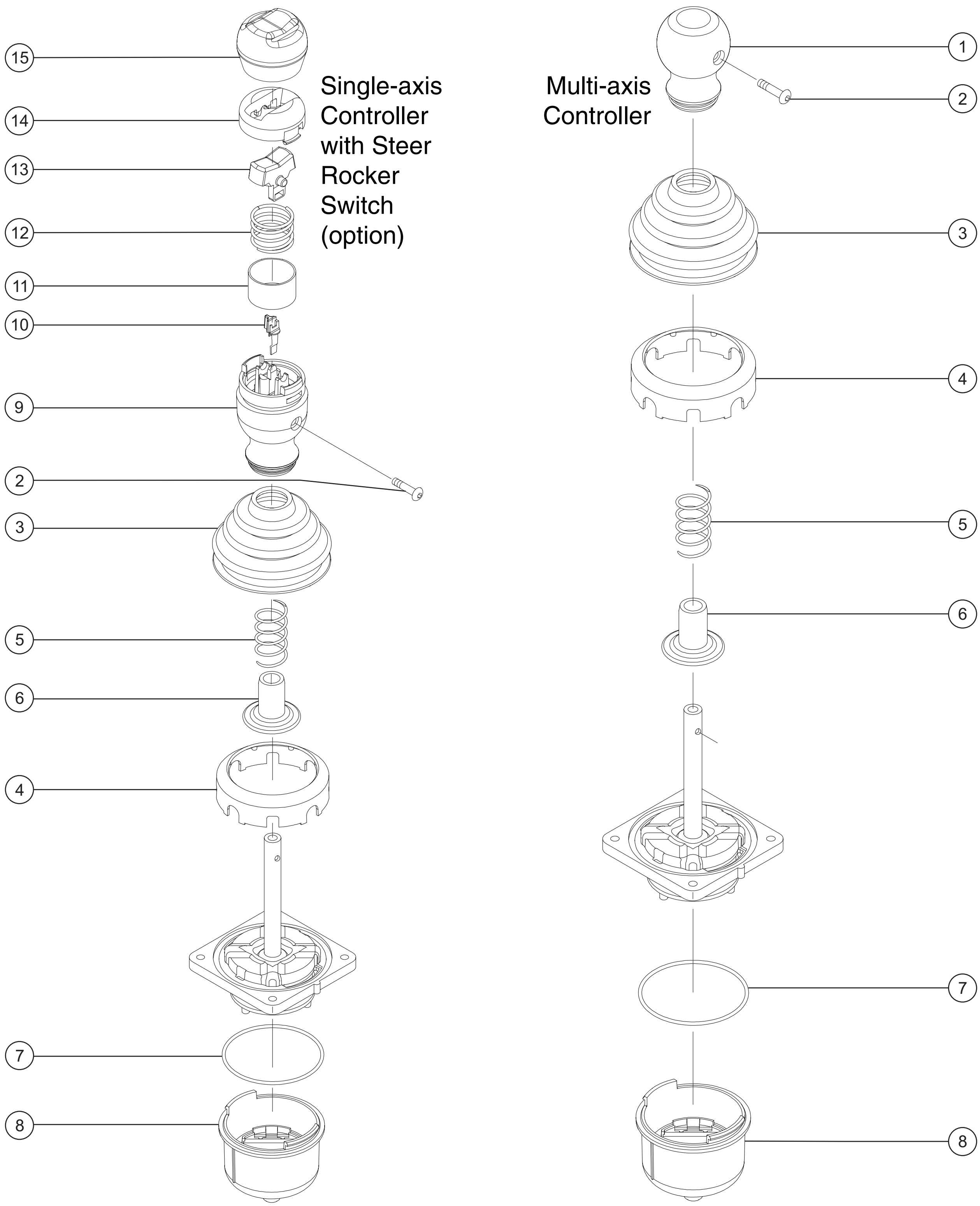
Figure	Rev	Description
604.1	F	Platform Control Box - View 2



604.1
Platform Control Box - View 2 Rev F

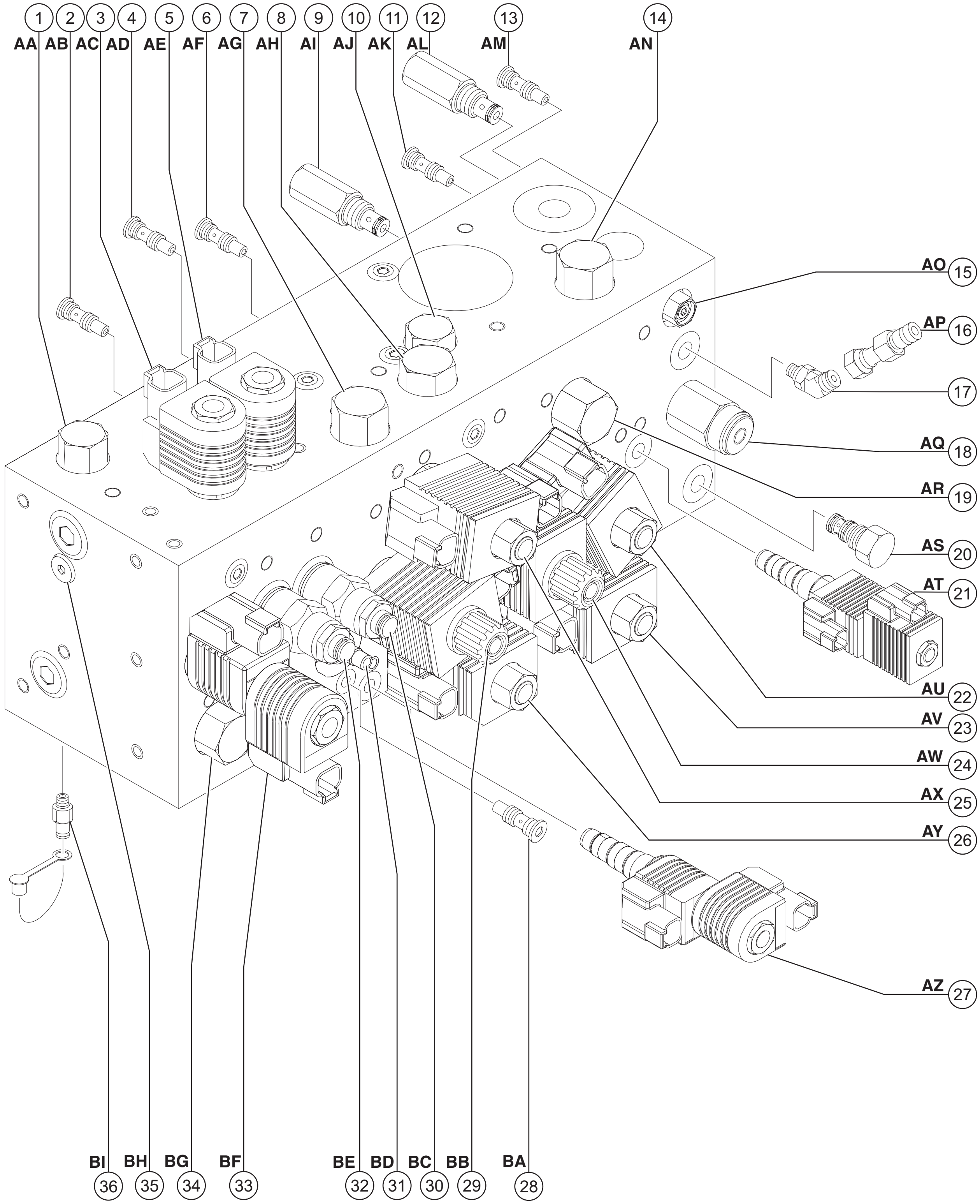
Item	Part No.	Description	Qty.
1	81551	Screw - PHM, 6-32 x 0.375 inch	
2	81550	Standoff, 6-32 x 0.75 x 0.25	10
3	94771	Printed Circuit Board (before serial number 7569)	1
—	102259	Printed Circuit Board (after serial number 7568)	
—	Ref.	Wire Harness and Power Cable Assemblies (refer to 311.1)	
4	45385	Nylon Plug, Black Domed, 1.12 inches	2
—	7056	Squeeze Connector, 1/2 inch NPT	
—	6935	Electric Locknut, 1/2 inch	
5	60443	Receptacle Lock, 4 Way, 14-18 Ga.	1
—	73723	Receptacle Connector	
6	49820	Screw - PHM, 6-32 x 0.5 inch	
7	12344	Nylock Nut, 6-32	
8	73717	Receptacle Connector, 4 way, 12-14 Ga.	1
—	73711	Pin Terminal, 12-14	
—	60526	Receptacle Lock, 4 way, 12-14 Ga.	
9	73803	Screw - SHM, PHP, 12 x 3/4 inch	
10	73736	Receptacle Connector, 48 way	1
—	83130	Pin Terminal, 16-18 Ga.	
—	54255	Receptical Lock, 12 Way, 14-18 Ga.	
11	42781	Plastic Plug, 1/4 inch	1

Figure	Rev	Description
605.1	A	Joystick Controllers



Item	Part No.	Description	Qty.
—	62390	Joystick Controller, Multi-axis (drive/steer, boom up/down and turntable rotate functions) (calibration required after replacement)	
—	75565	Joystick Controller, Single-axis with Steer Rocker Switch (option) (drive/steer functions) (calibration required after replacement)	
—	83098	Amp Terminal, 22-24 Ga.	
1	62392	Joystick Knob	1
2	62393	Screw - PHM, 6-32 x 5/8 inch	
3	62394	Joystick Rubber Boot	1
4	75143	Boot Guard	1
5	62395	Joystick Centering Spring	1
6	62396	Joystick Centering Collar	1
7	62397	Joystick Housing O-ring	1
8	62398	Joystick Housing	1
9	75449	Joystick Knob	1
10	75448	Sensor Support	1
11	75447	Switch Shield	1
12	75446	Centering Spring	1
13	75445	Rocker Switch Assembly	1
14	75444	Rocker Switch Retainer	1
15	75443	Rocker Switch Boot	1

Figure	Rev	Description
701.1	F	Function Manifold

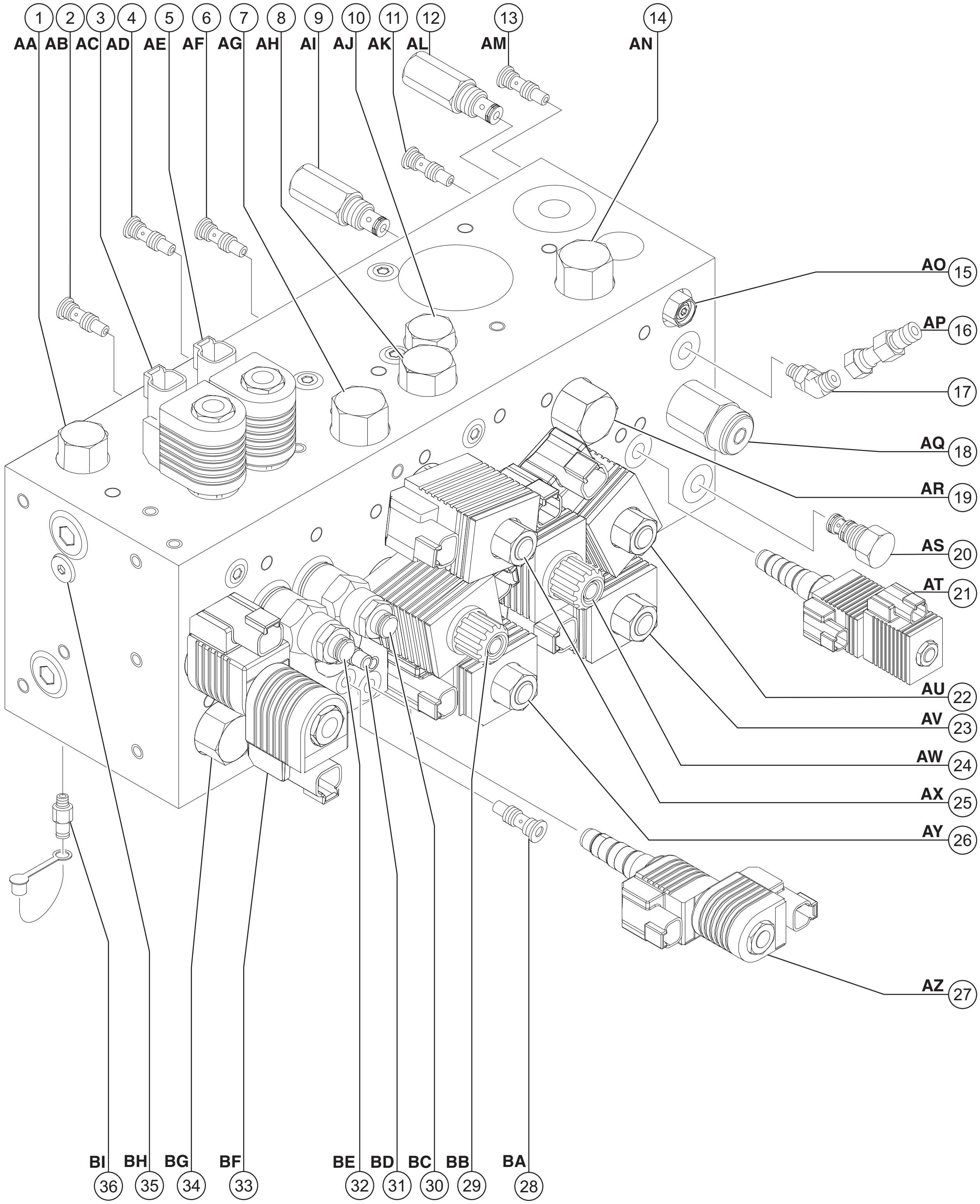


701.1
Function Manifold Rev F

Item	Part No.	Description	Letter	Function
—	89814	Function Manifold, S-40 complete, (includes items 1-15 and 17-34)		
—	89073	Function Manifold, S-45 complete, (includes items 1-15 and 17-34)		
—	28750	O-ring Kit (services SAE fittings, Compact Controls and Sun Valves)		
—	49612	O-ring Kit (services ORFS fittings)		
—	33994	Plug and Cap Kit (for SAE ports)		
—	49613	Plug and Cap Kit (for ORFS fittings)		
—	Ref.	Harness, Gearbox, Function Manifold (refer to 311.1)		
1	52598	Flow Regulator Valve, 0.8 gpm / 3.03 L/min (S-45)	AA	Platform rotate and jib boom
—	74902	Seal Kit		
—	31100	Flow Regulator Valve, 0.6 gpm / 2.27 L/min (S-40)	AA	Platform rotate
—	74902	Seal Kit		
2	27807	Check Valve	AB	Differential sensing circuit, Platform rotate right and jib boom down (S-45)
—	110200	Seal Kit		
3	62263	Solenoid Valve, 2 position 3 way	AC	Platform level up/down
—	62273	Coil, 10V DC		
—	19792	Coil Nut		
—	72043	Seal Kit		
4	27807	Check Valve	AD	Differential sensing circuit, Platform level up
—	110200	Seal Kit		
5	62263	Solenoid Valve, 2 position 3 way	AE	Platform level up / down
—	62273	Coil, 10V DC		
—	19792	Coil Nut		
—	72043	Seal Kit		
6	27807	Check Valve	AF	Differential sensing circuit, Boom up / down
7	27802	Differential Sensing Valve, 150 psi / 10.3 bar	AG	Turntable rotate circuit
—	110196	Seal Kit		
8	27802	Differential Sensing Valve, 150 psi / 10.3 bar	AH	Boom up / down circuit
—	110196	Seal Kit		
9	102615	Relief Valve, 2200 psi / 152 bar	AI	System relief
—	74902	Seal Kit		
10	32975	Flow Regulator Valve, 0.1 gpm / 0.38 L/min	AJ	Bleeds off differential sensing valves to tank
—	74902	Seal kit		
11	27807	Check Valve	AK	Differential sensing circuit, Boom up / down
—	110200	Seal Kit		
12	102614	Relief Valve, 1950 psi / 134 bar	AL	System relief
—	74902	Seal Kit		

This list continues on the next page.

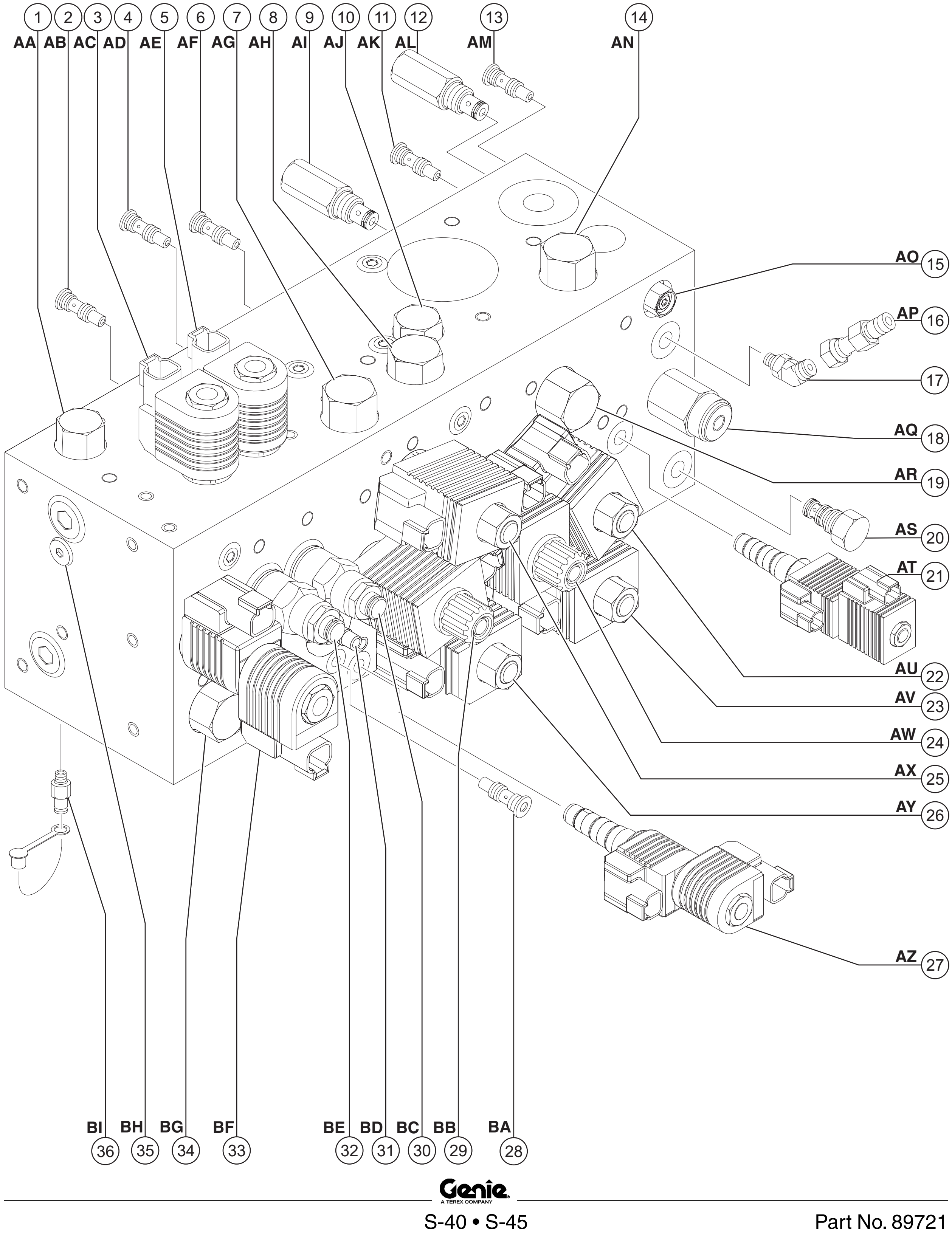
Figure	Rev	Description
701.1	F	Function Manifold



Item	Part No.	Description	Letter	Function
13	27807	Check Valve	AM	Differential sensing circuit, boom extend / retract
—	110200	Seal Kit		
14	30968	Flow Regulator Valve, 2 gpm / 7.6 L/min	AN	Steer left / right circuit
—	110202	Seal Kit		
15	89851	Check Valve	AO	Platform level up
—	110205	Seal Kit		
16	49207	Diagnostic Nipple, Female Swivel, 4 ORFS	AP	Testing
—	20224	Female Quick Disconnect for Pressure Gauge		
—	48880	Diagnostic Nipple Cap (not shown) (sold separately)		
17	48907	Fitting, 45° Elbow, 4 ORFS x 4 SAE (SAE 520320)		
18	102616	Relief Valve, 2900 psi / 200 bar (S-45)	AQ	System relief
—	102617	Relief Valve, 2600 psi / 179 bar (S-40)	AQ	System relief
—	110194	Seal Kit		
19	27764	Flow Regulator Valve, 4.5 gpm / 17.03 L/min	AR	Bleeds off differential sensing valves to tank
—	110194	Seal Kit		
20	27836	Check Valve	AS	Blocks flow from auxiliary pump to function pump
—	110194	Seal Kit		
21	111703	Solenoid Valve, 3 position 4 way	AT	Steer left / right
—	89861	Coil, 10V DC (for solenoid part number 62260)		
—	111778	Coil, 10V DC (for solenoid part number 111703)		
—	89854	Dual Coil Spacer (for solenoid part number 62260)		
—	19792	Coil Nut		
—	110196	Seal Kit (for solenoid part number 62260)		
—	111779	Seal Kit (for solenoid part number 111703)		
22	89309	Solenoid Valve, 2 position 3 way	AU	Boom extend
—	62275	Coil, 10V DC		
—	45912	Coil Nut		
—	84133	Seal Kit		
23	89309	Solenoid Valve, 2 position 3 way	AV	Boom retract
—	62275	Coil, 10V DC		
—	45912	Coil Nut		
—	84133	Seal Kit		
24	62255	Proportional Valve, 12V DC	AW	Boom up / down circuit
—	62274	Coil, 12V DC		
—	89855	O-ring, Upper		
—	89856	O-ring, Lower (sold separately)		
—	62276	Coil Nut		
—	110204	Seal Kit		
25	89309	Solenoid Valve, 2 position 3 way	AX	Boom up
—	62275	Coil, 10V DC		
—	45912	Coil Nut		
—	84133	Seal Kit		

This list continues on the next page.

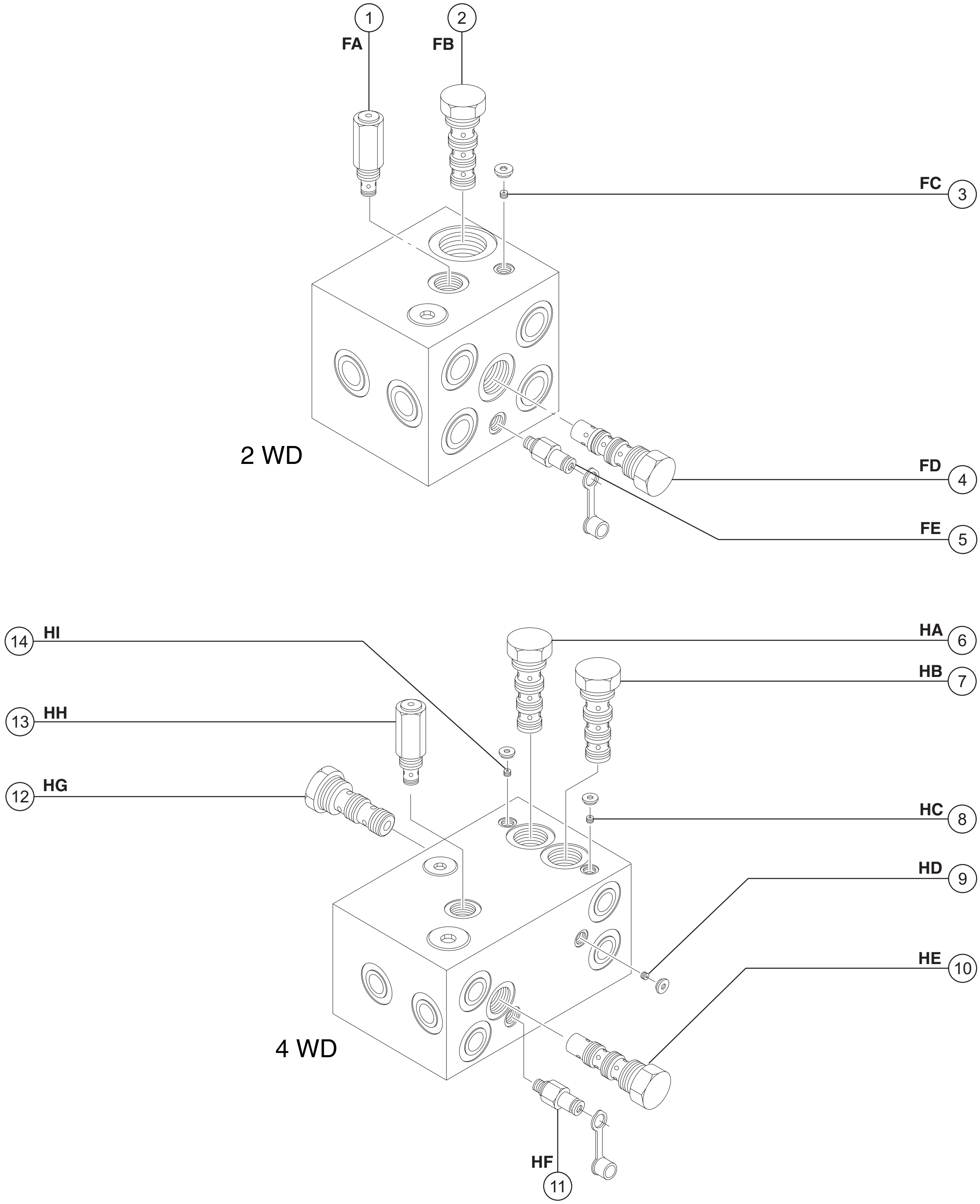
Figure	Rev	Description
701.1	F	Function Manifold



701.1
Function Manifold Rev F

Item	Part No.	Description	Letter	Function
26	89309	Solenoid Valve, 2 position 3 way	AY	Boom down
—	62275	Coil, 10V DC		
—	45912	Coil Nut		
—	84133	Seal Kit		
27	89307	Solenoid Valve, 3 position 4 way	AZ	Turntable rotate left / right
—	62273	Coil, 10V DC		
—	89311	Dual Coil Spacer		
—	19792	Coil Nut		
28	27807	Check Valve	BA	Platform level down
—	110200	Seal Kit		
29	62255	Proportional Valve, 12V DC	BB	Turntable rotate left / right
—	62274	Coil, 12V DC		
—	89855	O-ring		
—	89856	O-ring, Lower (sold separately)		
—	62276	Coil Nut		
—	110204	Seal Kit		
30	62256	Counterbalance Valve, 3500 psi / 242 bar	BC	Platform level up
—	110202	Seal Kit		
31	89678	Needle Valve	BD	Platform level circuit
—	74902	Seal Kit		
32	62256	Counterbalance Valve, 3500 psi / 242 bar	BE	Platform level down
—	110202	Seal Kit		
33	89307	Solenoid Valve, 3 position 4 way	BF	Platform rotate and jib boom up / down (S-45)
—	62273	Coil, 10V DC		
—	89311	Dual Coil Spacer		
—	19792	Coil Nut		
—	72047	Seal Kit		
34	27804	Differential Sensing Valve, 150 psi / 10.3 bar	BG	Differential sensing circuit, meters flow to functions
—	110201	Seal Kit		
35	27807	Check Valve	BH	Differential sensing circuit, platform rotate left and jib boom up (S-45)
—	110200	Seal Kit		
36	48997	Diagnostic Nipple, 4 SAE	BI	Testing
—	20224	Female Quick Disconnect for Pressure Guage (sold separately)		
—	48880	Diagnostic Nipple Cap		

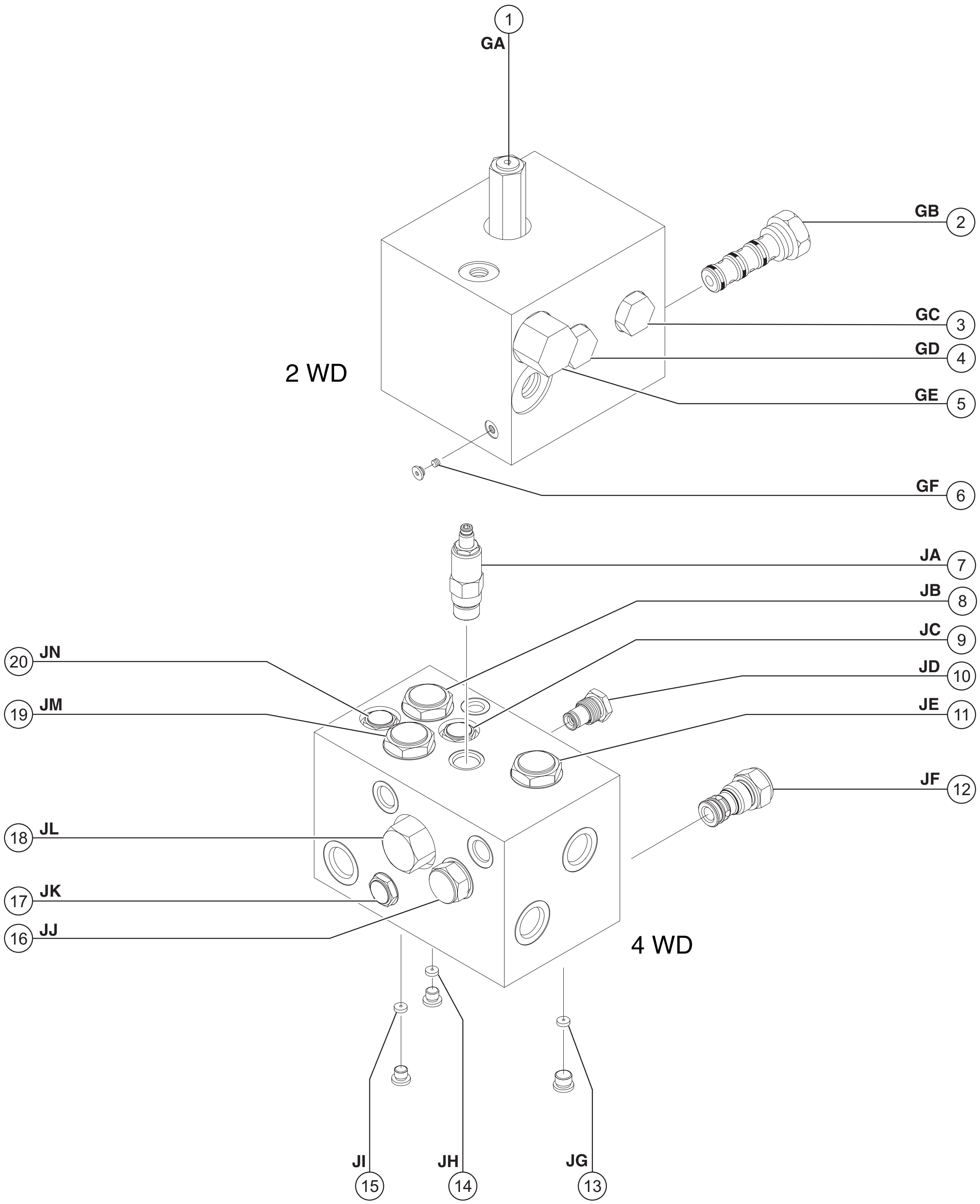
Figure	Rev	Description
702.1	B	Traction Manifold (before serial number 7569)



702.1
Traction Manifold (before serial number 7569) Rev B

Item	Part No.	Description	Letter	Function
—	34448	2WD Drive Manifold, Complete (includes items 1-6)		
—	34447	4WD Drive Manifold, Complete (includes items 7-14)		
—	28750	O-ring Kit (services SAE fittings, Compact Controls and Sun valves)		
—	49612	O-ring Kit (services ORFS fittings)		
—	33994	Plug and Cap Kit (for SAE ports)		
—	49613	Plug and Cap Kit (for ORFS fittings)		
1	43597	Relief Valve, 210 psi / 14.5 bar	FA	Charge pressure circuit
2	52726	Flow Divider/Combiner Valve	FB	Controls flow to drive motors in forward and reverse
3	33520	Orifice Plug, 0.070 inch	FC	Equalizes flow across flow divider/ combiner valve (FB)
4	27761	Shuttle Valve, 3 position 3 way	FD	Charge pressure, hot oil shuttle
5	48997	Diagnostic Nipple, 4 SAE	FE	Testing
—	20224	Female Quick Disconnect for Pressure Gauge		
—	48880	Cap, Diagnostic Nipple		
6	52726	Flow Divider/Combiner Valve	HA	Controls flow to steer end drive motors in forward and reverse
7	52726	Flow Divider/Combiner Valve	HB	Controls flow to non-steer end drive motors in forward and reverse
8	33520	Orifice Plug, 0.070 inch	HC	Rear drive motor circuit
9	33520	Orifice Plug, 0.070 inch	HD	Equalizes pressure on both sides of flow divider/combiner valve 12 (HG)
10	27761	Shuttle Valve, 3 position 3 way	HE	Charge pressure, hot oil shuttle
11	48997	Diagnostic Nipple, 4 SAE	HF	Testing
—	20224	Female Quick Disconnect for Pressure Gauge		
—	48880	Cap, Diagnostic Nipple		
12	33521	Flow Divider/Combiner Valve	HG	Controls flow to flow divider/ combiner valves 6 and 7 (HA and HB)
13	43597	Relief Valve, 210 psi / 14.5 bar	HH	Charge pressure circuit
14	29737	Orifice Plug, 0.052 inch	HI	Front drive motor circuit

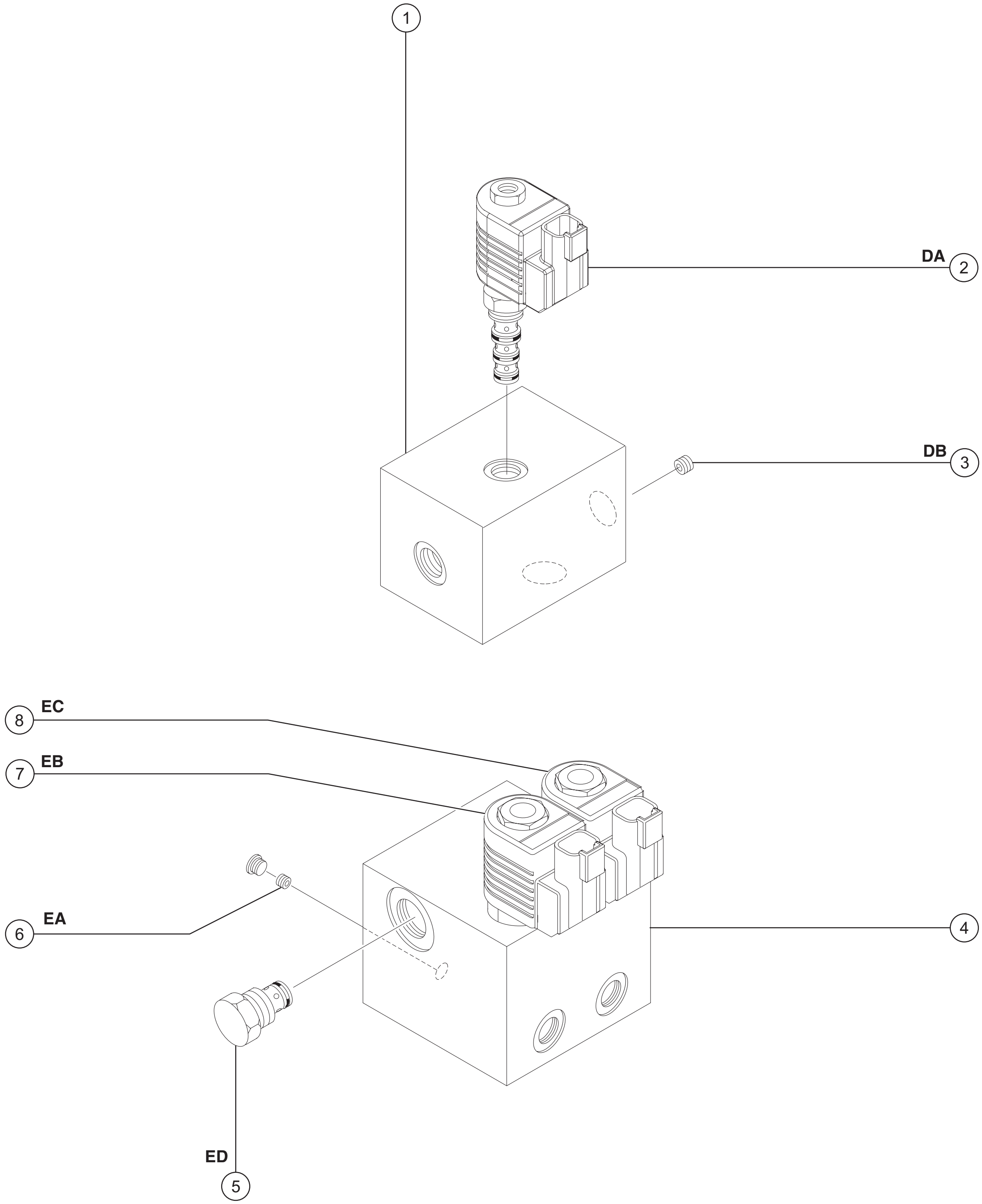
Figure	Rev	Description
702.2	B	Traction Manifold (after serial number 7568)



702.2
Traction Manifold (after serial number 7568) Rev B

Item	Part No.	Description	Letter	Function
—	88783	2WD Traction Manifold, Complete		
—	88784	4WD Traction Manifold, Complete		
—	28750	O-ring Kit (services SAE fittings, Compact Controls, and Sun valves)		
—	49612	O-ring Kit (services ORFS fittings)		
—	33994	Plug and Cap Kit (for SAE ports)		
—	49613	Plug and Cap Kit (for ORFS fittings)		
1	94758	Relief Valve, 280 psi / 19.3 bar	GA	Charge pressure circuit
—	110194	Seal Kit		
2	52726	Flow Divider/Combiner Valve	GB	Controls flow to drive motors in forward and reverse
—	84135	Seal Kit		
3	27836	Check Valve, 5 psi / 0.34 bar	GC	Drive circuit
—	110194	Seal Kit		
4	27836	Check Valve, 5 psi / 0.34 bar	GD	Drive circuit
—	110194	Seal Kit		
5	27761	Shuttle Valve, 3 position 3 way	GE	Controls flow to drive motors in forward and reverse
—	84134	Seal Kit		
6	101440	Orifice Plug, 0.070 inch / 1.78 mm	GE	Equalizes flow across flow divider combiner valve 2
7	101446	Relief Valve, 260 psi / 17.2 bar	JA	Charge pressure circuit
8	94752	Flow Divider/Combiner Valve	JB	Controls flow to non-steer end drive motors in forward and reverse
9	94757	Check Valve, 3 psi / 0.2 bar	JC	Steer end drive motor circuit
10	94757	Check Valve, 3 psi / 0.2 bar	JD	Non-steer end drive motor circuit
11	94754	Flow Divider/Combiner Valve	JE	Controls flow to flow divider/ combiner valves 8 and 19
12	94756	Check Valve, 2.5 psi / 0.17 bar	JF	Non-steer end drive motor circuit
13	94751	Orifice Plug, 0.040 inch / 1.02 mm	JG	Equalizes pressure on both sides of flow divider/combiner valve 11
14	94751	Orifice Plug, 0.040 inch / 1.02 mm	JH	Equalizes pressure on both sides of flow divider/combiner valve 8
15	94751	Orifice Plug, 0.040 inch / 1.02 mm	JI	Equalizes pressure on both sides of flow divider/combiner valve 19
16	94756	Check Valve, 2.5 psi / 0.17 bar	JJ	Steer end drive motor circuit
17	94757	Check Valve, 3 psi / 0.2 bar	JK	Steer end drive motor circuit
18	94753	Shuttle Valve, 40 psi / 2.8 bar	JL	Charge pressure circuit that directs hot oil out of low pressure side of drive pump
19	94752	Flow Divider/Combiner Valve	JM	Controls flow to steer end drive motors in forward and reverse
20	94757	Check Valve, 3 psi / 0.2 bar	JN	Non-steer end drive motor circuit

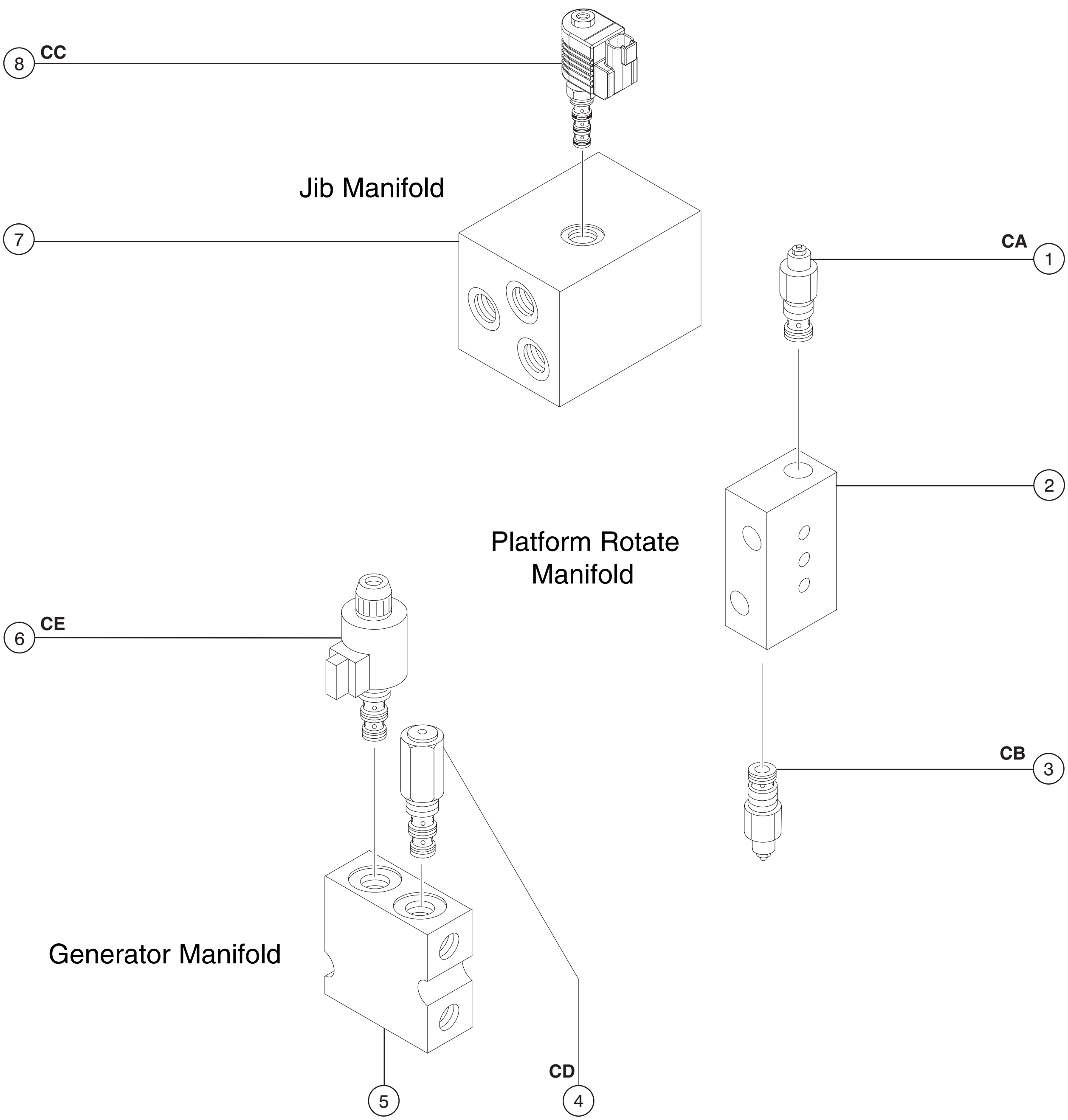
Figure	Rev	Description
703.1	B	Two-Speed/Brake Manifold



703.1
Two-Speed/Brake Manifold Rev B

Item	Part No.	Description	Letter	Function
1	89572	Two-Speed/Brake Manifold (before serial number 7569)		
—	28750	O-ring Kit (services SAE fittings, Compact Controls and Sun valves)		
—	49612	O-ring Kit (services ORFS)		
—	33994	Plug and Cap Kit (for SAE ports)		
—	49613	Plug and Cap Kit (for ORFS)		
2	89857	Solenoid Valve, 2 position 3 way	DA	Brake release
—	45912	Coil Nut		
—	62273	Coil, 10V DC		
3	74404	Orifice Plug, 0.025 inch	DB	Turntable rotation brake release
4	88785	Two-Speed/Brake Manifold (after serial number 7568)		
5	94761	Check Valve	ED	Brake release circuit
6	94764	Orifice Plug, 0.025 inch	EA	Turntable rotaton brake release
7	94760	Solenoid Valve, 2 position 3 way	EB	Brake release
—	94765	Coil, 10V DC		
—	94759	Coil Nut		
8	94760	Solenoid Valve, 2 position 3 way	EC	Two speed motor shift
—	94765	Coil, 10V DC		
—	94759	Coil Nut		

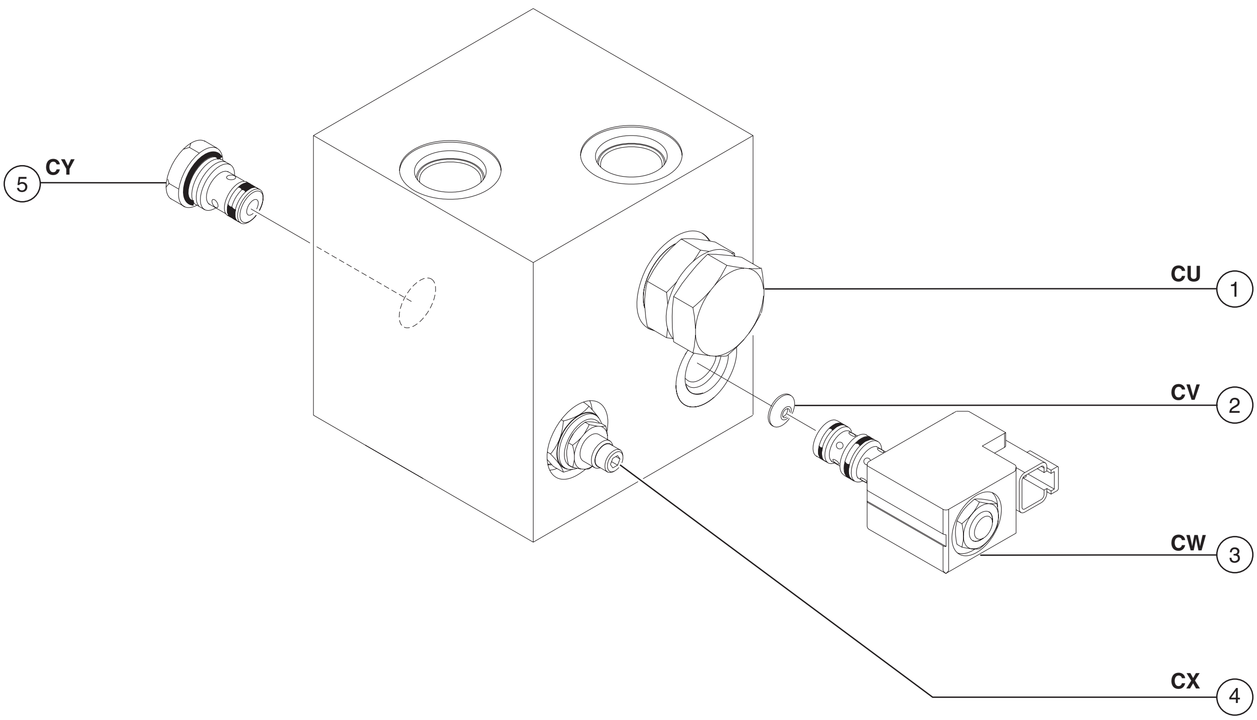
Figure	Rev	Description
704.1	B	Jib Select, Platform Rotate and Generator Manifolds



704.1
Jib Select, Platform Rotate and Generator Manifolds Rev B

Item	Part No.	Description	Letter	Function
1	62506	Counterbalance Valve, 3300 psi / 228 bar	CA	Platform rotate right
—	43018	Seal Kit		
2	73807	Platform Rotate Dual Counterbalance Valve Manifold		
—	62507	O-ring		
3	62506	Counterbalance Valve, 3300 psi / 228 bar	CB	Platform rotate left
—	43018	Seal Kit		
4	31529	Relief Valve, 2400 psi / 165.5 bar	CD	Generator overload relief
5	53976	Generator Manifold		
6	19969	Solenoid Valve, 2 position 3 way, 12V DC	CE	Controls generator on / off
—	27535	Coil, 12V DC		
—	45782	Diode, 6A		
—	45914	O-ring		
—	33568	Coil Nut		
—	110198	Seal Kit		
7	88786	Jib Select Manifold		
8	89862	Solenoid Valve, 2 position 3 way	CC	Platform rotate / jib boom select
—	89864	Seal Kit		
—	104759	Coil, 10V DC		
—	44174	Coil Nut		

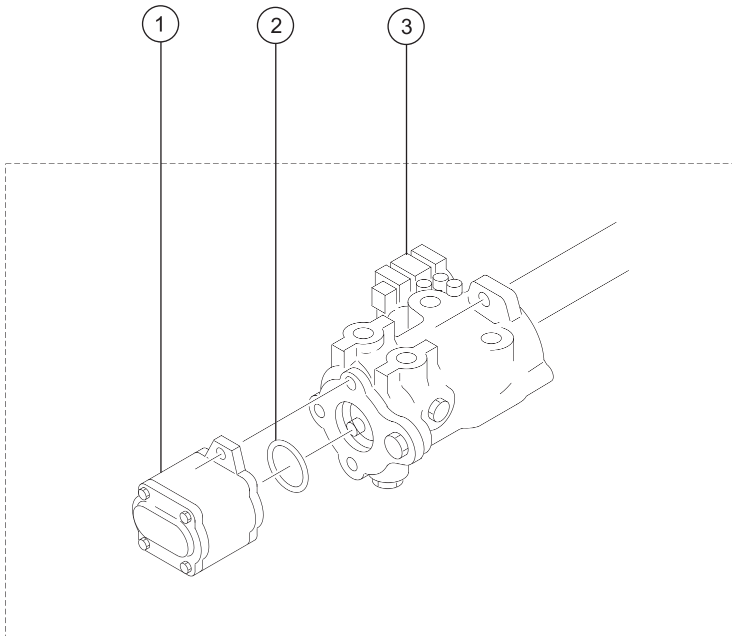
Figure	Rev	Description
705.1	A	Oil Diverter Manifold (welder option)



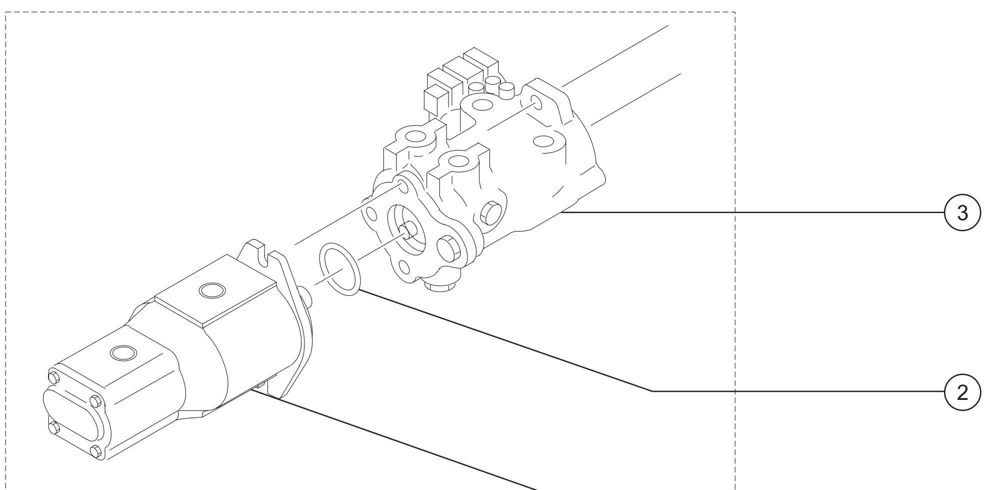
705.1
Oil Diverter Manifold (welder option) Rev A

Item	Part No.	Description	Letter	Function
—	101516	Oil Diverter Manifold (welder option)		
1	102746	Pilot Operated Directional Valve	CU	Diverter valve
2	106394	Orifice Disc, 0.30 inch / 0.76 mm	CV	Delays shift to drive
3	94760	Solenoid Valve, 10V DC	CW	Pilot valve to diverter
—	94765	Coil, 12V DC		
—	94759	Coil Nut		
4	101446	Relief Valve, 250 psi / 17.2 bar	CX	Charge pressure circuit
5	94757	Check Valve	CY	Prevents oil flow to generator

Figure	Rev	Description
706.1	A	Hydraulic Pumps



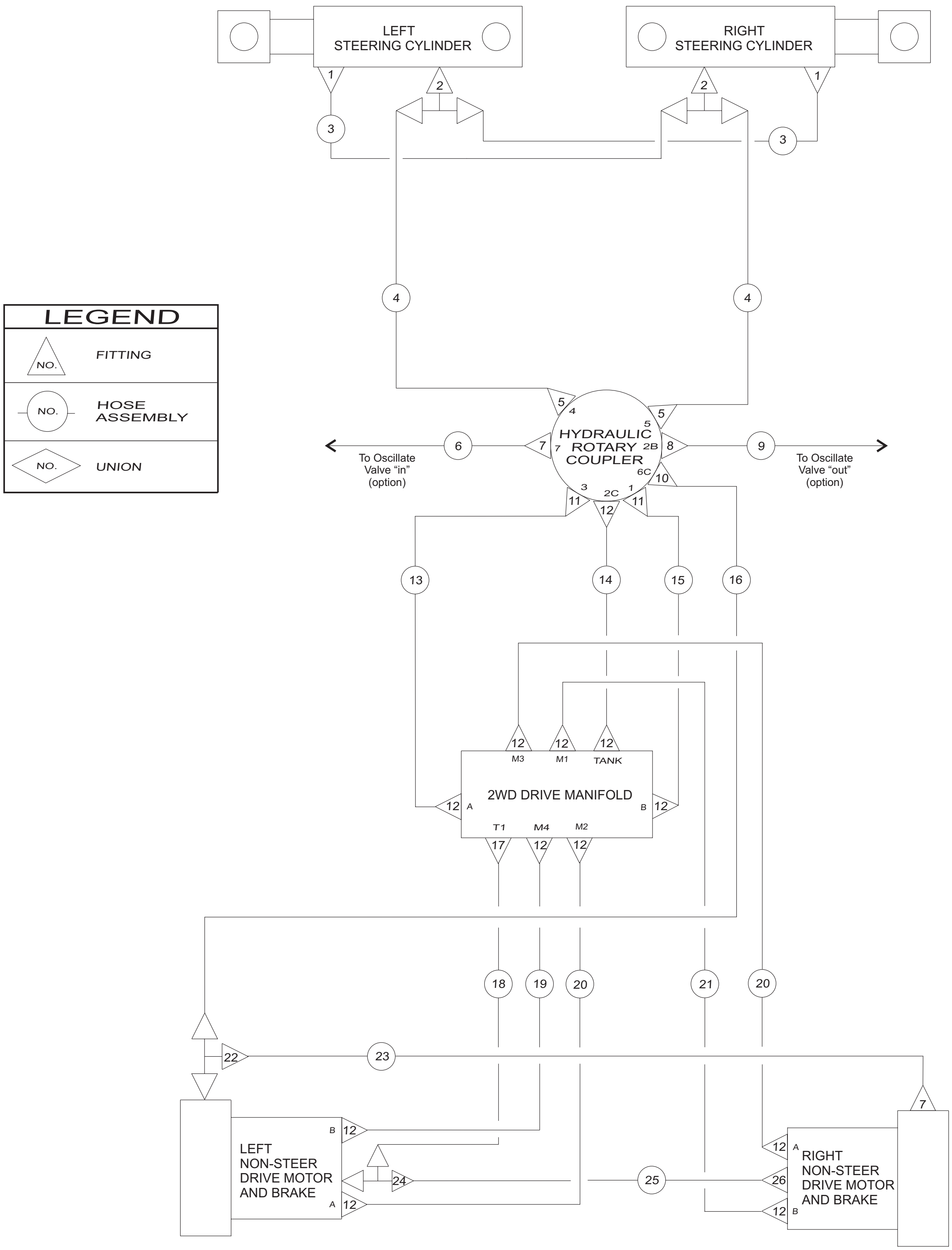
Hydraulic Pump Assembly
Non-oscillate Models



Hydraulic Pump Assembly
Oscillate Models

Item	Part No.	Description	Qty.
—	89591	Drive Pump Assembly (Non-oscillate models) (before serial number 7319)	
—	89933	Drive Pump Assembly (Non-oscillate models) (after serial number 7318)	
—	89592	Drive Pump Assembly (Oscillate models) (before serial number 7319)	
—	89932	Drive Pump Assembly (Oscillate models) (after serial number 7318)	
1	53961	Function Pump, Non-oscillate	1
—	65912	Seal Kit	
2	29436	O-ring (before serial number 7319)	1
—	83141	O-ring (after serial number 7318)	
3	88048	Drive Pump (before serial number 7319)	1
—	29739	Seal Kit	
—	49897	Gasket	
3	89934	Drive Pump (after serial number 7318)	1
—	29739	Seal Kit	
4	89858	Function Pump, Oscillate	1
—	89859	Seal Kit	

Figure	Rev	Description
707.1	B	Hydraulic Hoses and Fittings - 2WD Drive and Steer System (before serial number 7569)

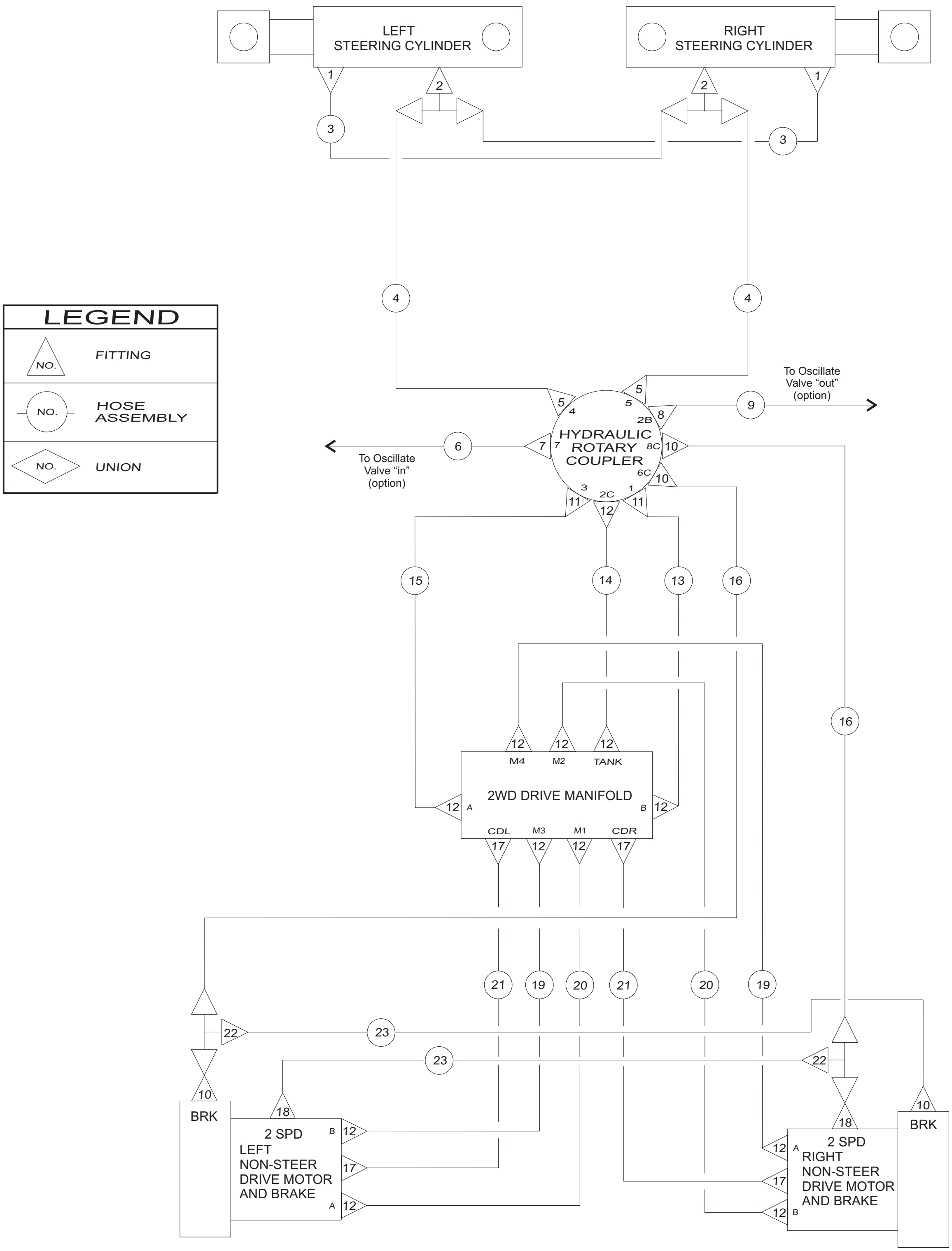


707.1
Hydraulic Hoses and Fittings - 2WD Drive and Steer System (before serial number 7569) Rev B

Item	Part No.	Description	Qty.
1	48915	Fitting	2
2	48919	Fitting	2
3	49130-2132	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 19.5 inches	2
4	49128-5909	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 57 inches	2
5	48920	Fitting	2
6	49117-5191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 50 inches	1
7	48904	Fitting	2
8	48937	Fitting	1
9	49143-4629	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 44 inches	1
10	48905	Fitting	1
11	48963	Fitting	2
12	48960	Fitting	12
13	94374-2380	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 20.5 inches	1
14	49149-2126	Hose Assembly - Components: Genie part numbers 48841, 48845 and 48761 @ 18 inches	1
15	94374-2530	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 22 inches	1
16	49117-7641	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 74.5 inches	1
17	48933	Fitting	1
18	49172-4238	Hose Assembly - Components: Genie part numbers 48827, 48828 and 48756 @ 40 inches	1
19	89871-3348	Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 31 inches	1
20	89871-3848	Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 36 inches	2
21	89871-3948	Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 37 inches	1
22	48906	Fitting	1
23	49117-6091	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 59 inches	1
24	48953	Fitting	1
25	49139-4368	Hose Assembly - Components: Genie part numbers 48822, 48830 and 48756 @ 41 inches	1
26	48946	Fitting	1

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
707.2	B	Hydraulic Hoses and Fittings - 2WD Drive and Steer System (after serial number 7568)

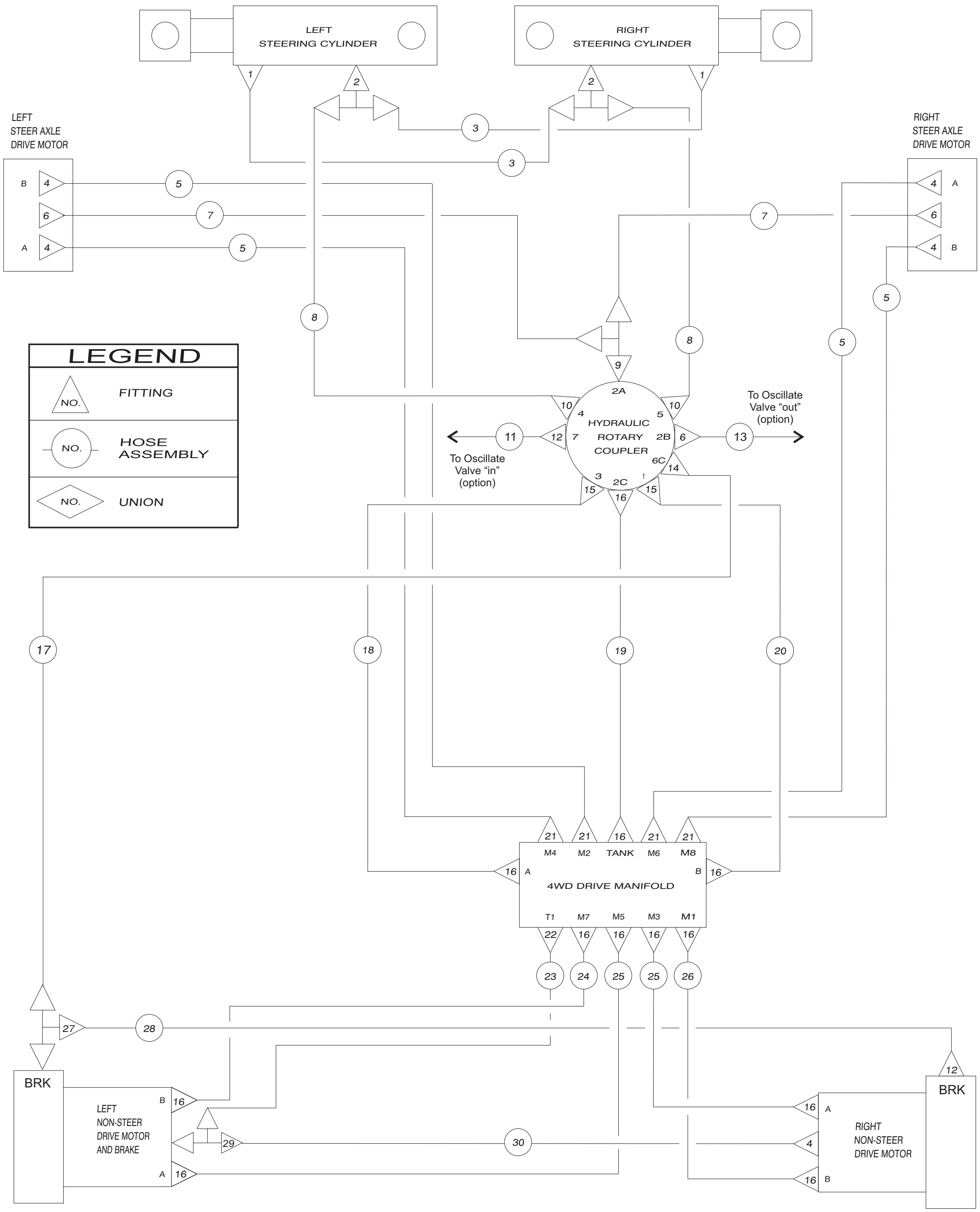


707.2
Hydraulic Hoses and Fittings - 2WD Drive and Steer System (after serial number 7568) Rev B

Item	Part No.	Description	Qty.
1	48915	Fitting	2
2	48919	Fitting	2
3	49130-2132	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 19.5 inches	2
4	49128-5909	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 57 inches	2
5	48920	Fitting	2
6	49117-5191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 50 inches	1
7	48904	Fitting	2
8	48937	Fitting	1
9	49143-4629	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 44 inches	1
10	48905	Fitting	4
11	48963	Fitting	2
12	48960	Fitting	12
13	94374-2380	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 20.5 inches	1
14	49149-2126	Hose Assembly - Components: Genie part numbers 48841, 48845 and 48761 @ 18 inches	1
15	94374-2530	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 22 inches	1
16	49117-7641	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 74.5 inches	2
17	48933	Fitting	4
18	48911	Fitting	2
19	94374-4230	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 39 inches	2
20	94374-3930	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 36 inches	2
21	49143-4229	Hose Assembly - Components: Genie part numbers 48827, 48822 and 48756 @ 40 inches	2
22	48908	Fitting	2
23	49117-5591	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 54 inches	2

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	**Rev**	**Description**
708.1	A	Hydraulic Hoses and Fittings - 4WD Drive and Steer System (before serial number 7569)

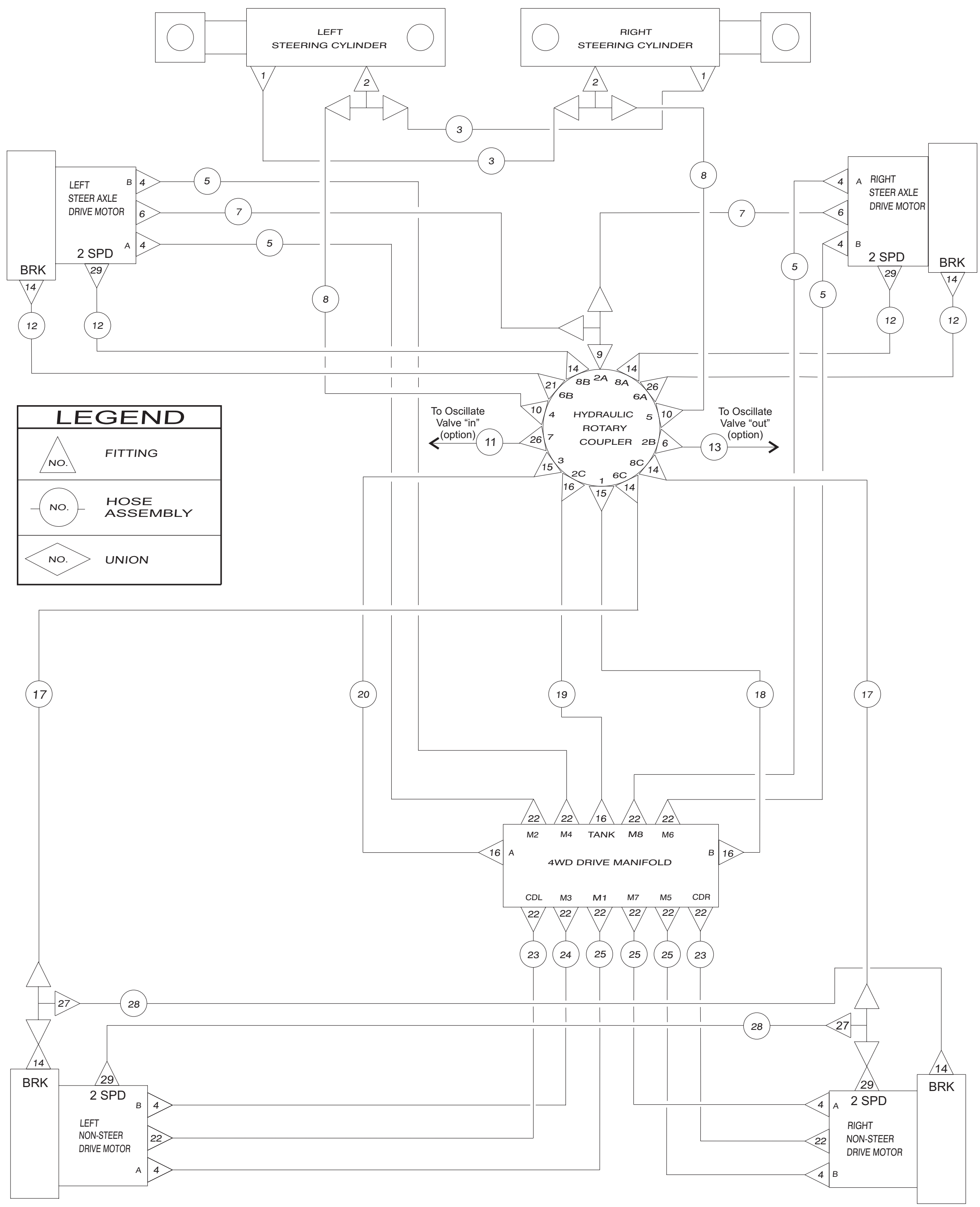


708.1
Hydraulic Hoses and Fittings - 4WD Drive and Steer System (before serial number 7569) Rev A

Item	Part No.	Description	Qty.
1	48915	Fitting	2
2	48919	Fitting	2
3	49130-2132	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 19.5 inches	2
4	48946	Fitting	4
5	49107-10213	Hose Assembly - Components: Genie part numbers 48822, 48826 and 48758 @ 99.5 inches	4
6	48937	Fitting	3
7	49141-7813	Hose Assembly - Components: Genie part numbers 48822, 48826 and 48756 @ 75.5 inches	2
8	49128-5909	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 57 inches	2
9	48935	Fitting	1
10	48920	Fitting	2
11	49117-5191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 50 inches	1
12	48904	Fitting	2
13	49143-4629	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 44 inches	1
14	48905	Fitting	1
15	48963	Fitting	2
16	48960	Fitting	10
17	49117-7641	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 74.5 inches	1
18	94374-2380	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 20.5 inches	1
19	49149-2126	Hose Assembly - Components: Genie part numbers 48841, 48845 and 48761 @ 18 inches	1
20	49374-2530	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 22 inches	1
21	48948	Fitting	4
22	48933	Fitting	1
23	49172-4238	Hose Assembly - Components: Genie part numbers 48827, 48828 and 48756 @ 40 inches	1
24	89871-3348	Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 31 inches	1
25	89871-3848	Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 36 inches	2
26	89871-3948	Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 37 inches	1
27	48906	Fitting	1
28	49117-6091	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 59 inches	1
29	48953	Fitting	1
30	49139-4368	Hose Assembly - Components: Genie part numbers 48830, 48822, and 48756 @ 41 inches (4WD Drive and Steer System)	1

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
708.2	A	Hydraulic Hoses and Fittings - 4WD Drive and Steer System (after serial number 7568)

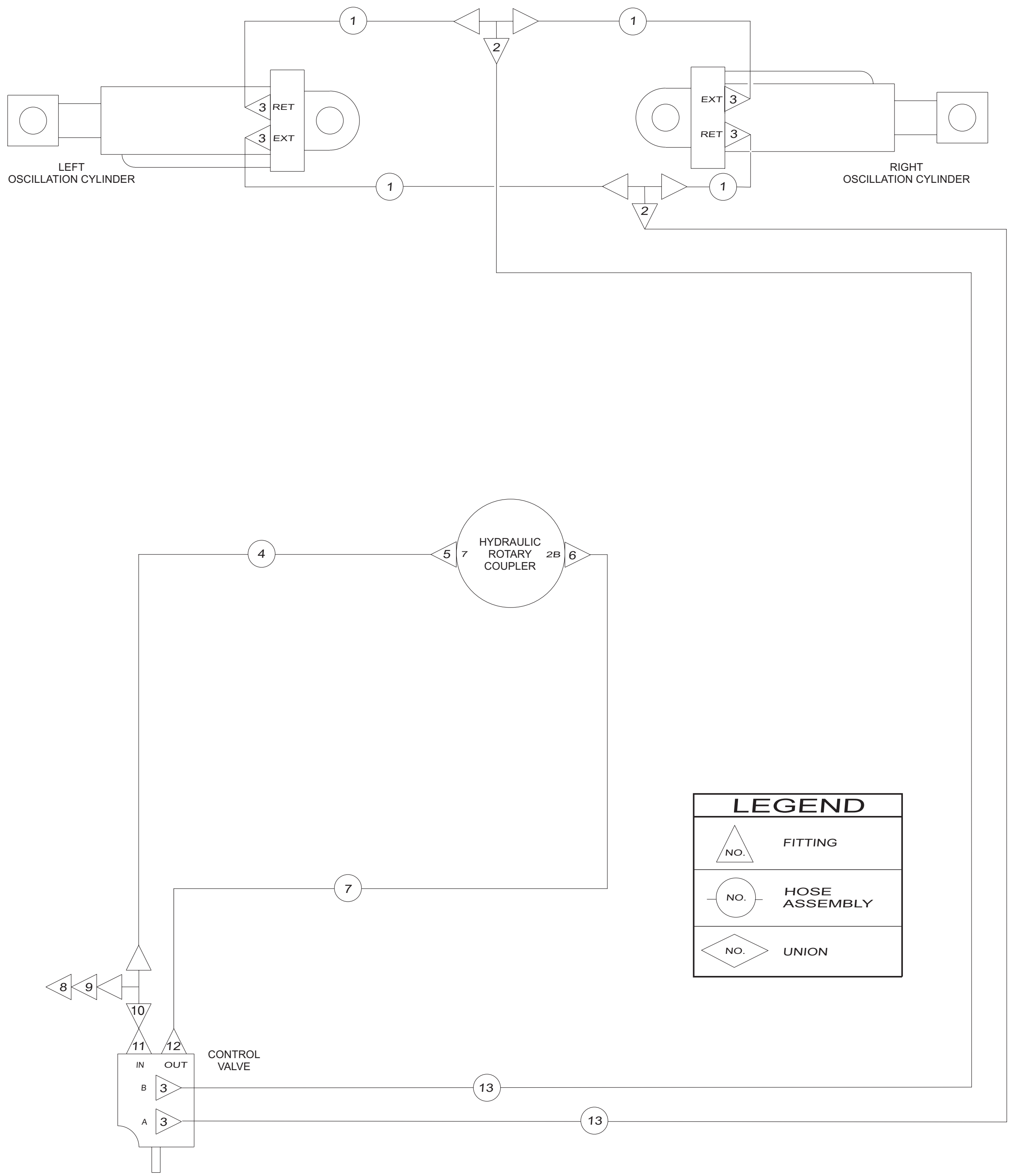


708.2
Hydraulic Hoses and Fittings - 4WD Drive and Steer System (after serial number 7568) Rev A

Item	Part No.	Description	Qty.
1	48915	Fitting	2
2	48919	Fitting	2
3	49130-2132	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 19.5 inches	2
4	48948	Fitting	8
5	49107-10213	Hose Assembly - Components: Genie part numbers 48822, 48826 and 48758 @ 99.5 inches	4
6	48937	Fitting	3
7	49141-7563	Hose Assembly - Components: Genie part numbers 48822, 48826 and 48756 @ 73 inches	2
8	49128-5909	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 57 inches	2
9	48935	Fitting	1
10	48920	Fitting	2
11	49117-5191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 50 inches	1
12	49117-8491	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 83 inches	4
13	49143-4629	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 44 inches	1
14	48905	Fitting	9
15	48963	Fitting	2
16	48960	Fitting	4
17	49117-7641	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 74.5 inches	2
18	94374-2380	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 20.5 inches	1
19	49149-2126	Hose Assembly - Components: Genie part numbers 48841, 48845 and 48761 @ 18 inches	1
20	94374-2530	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 22 inches	1
21	48907	Fitting	1
22	48933	Fitting	12
23	49143-4229	Hose Assembly - Components: Genie part numbers 48827, 48822 and 48756 @ 40 inches	2
24	49109-4729	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48758 @ 45 inches	1
25	49109-4229	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48758 @ 40 inches	3
26	48904	Fitting	1
27	48908	Fitting	2
28	49117-5591	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 54 inches	2
29	48911	Fitting	4

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
709.1	A	Hydraulic Hoses and Fittings - Oscillate System

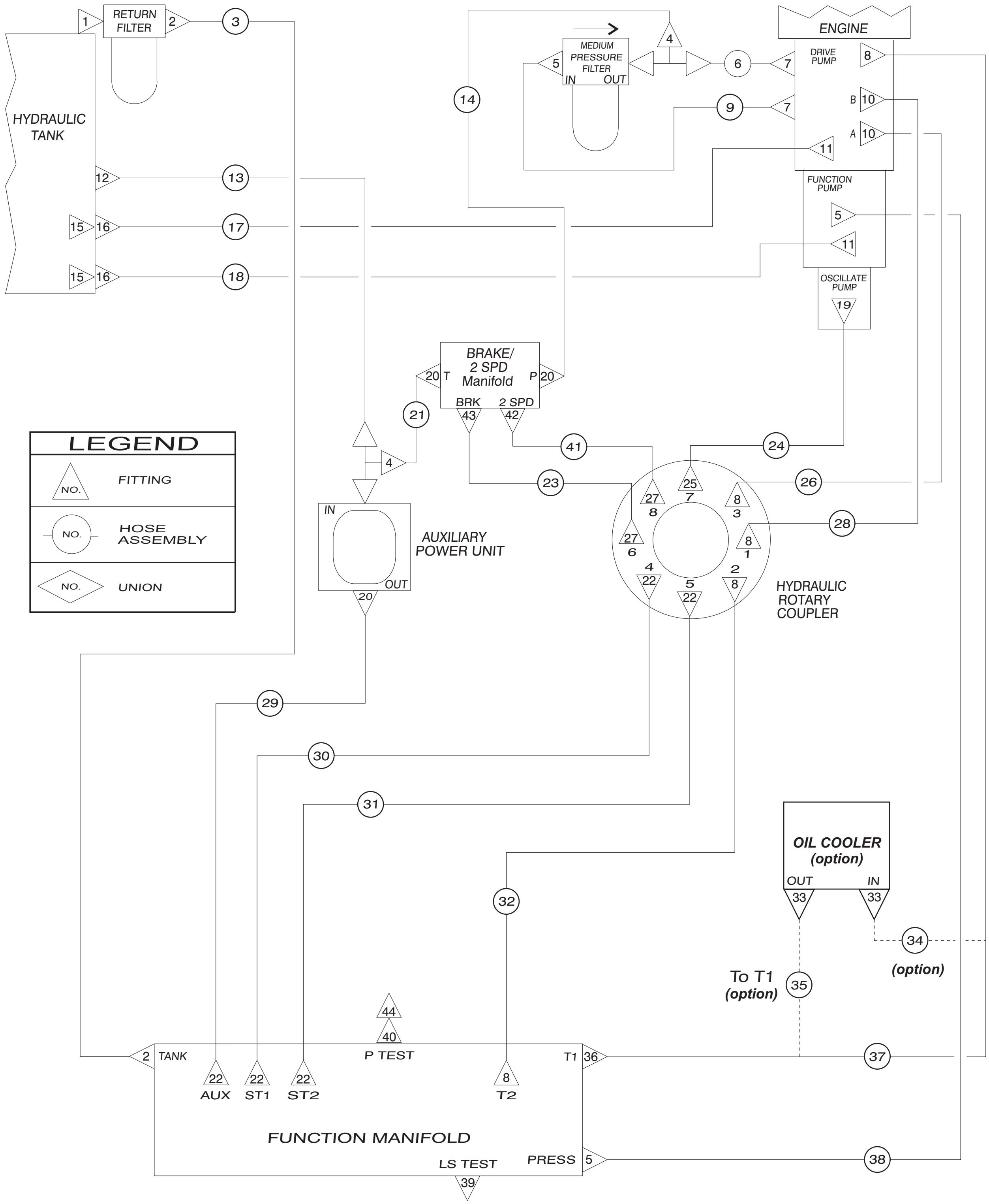


709.1
Hydraulic Hoses and Fittings - Oscillate System Rev A

Item	Part No.	Description	Qty.
1	49130-2432	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 22.5 inches	4
2	48896	Fitting	2
3	48916	Fitting	6
4	49117-5191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 50 inches	1
5	48904	Fitting	1
6	48937	Fitting	1
7	49143-4629	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 44 inches	1
8	48880	Diagnostic Nipple Dust Cap	1
9	49207	Diagnostic Nipple	1
—	20224	Female Quick Disconnect	
10	48891	Fitting	1
11	48914	Fitting	1
12	48933	Fitting	1
13	49128-10809	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 106 inches	2

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
710.1	C	Hydraulic Hoses and Fittings - Turntable



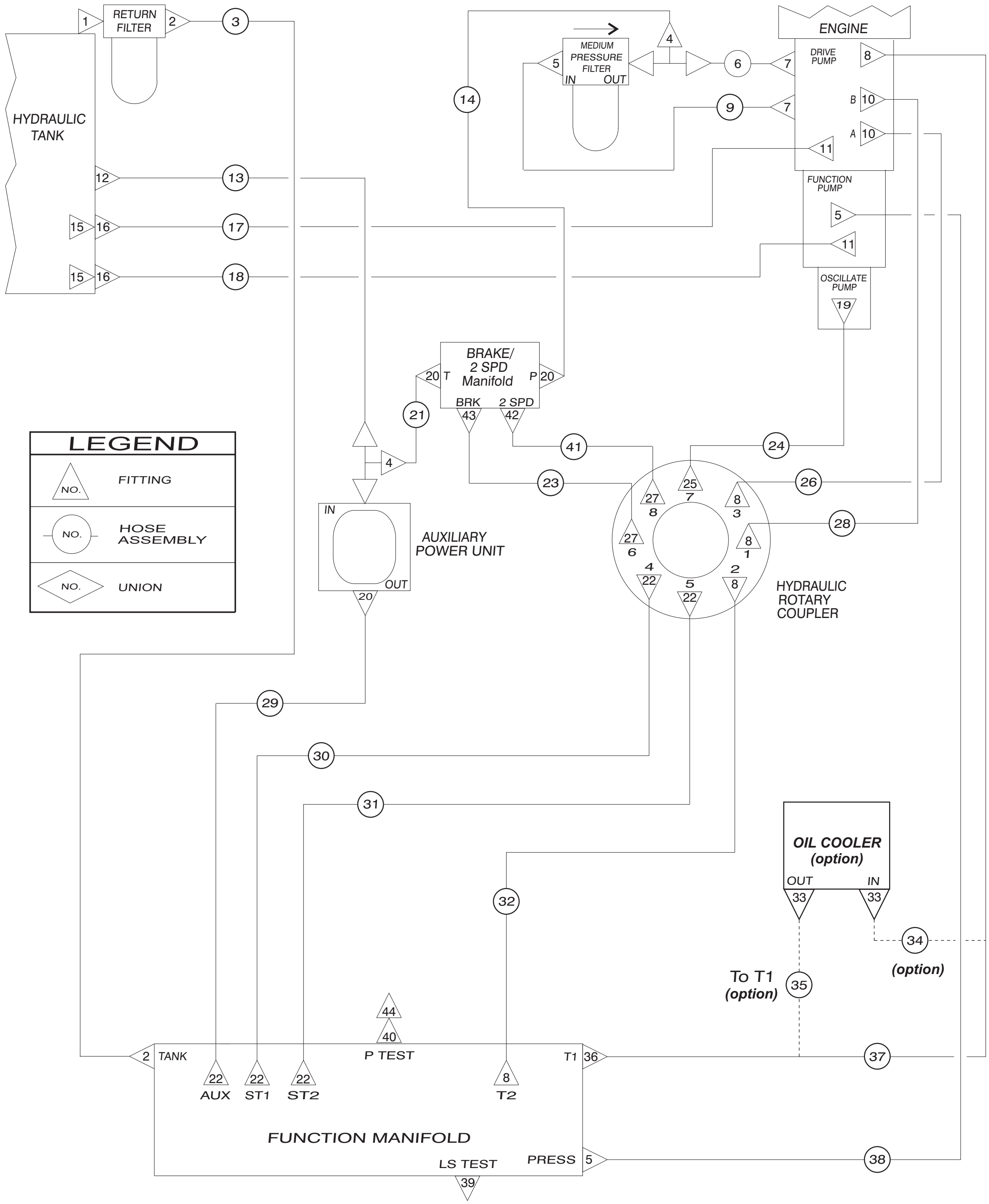
710.1
Hydraulic Hoses and Fittings - Turntable Rev C

Item	Part No.	Description	Qty.
1	61263	Fitting	1
2	89593	Fitting	2
3	88441-1090	Hose Assembly - Components: Genie part numbers 88477, 88474, and 88478 @ 7.5 inches	1
4	48935	Fitting	2
5	48933	Fitting	3
6	49143-2029	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 18 inches, (Ford models, Perkins 704-30, Deutz F4L 1011F)	1
—	49143-2229	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 20 inches (Deutz F3L 1011F)	
7	48946	Fitting	2
8	48960	Fitting	5
9	49143-2229	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 20 inches (Ford models, Perkins 704-30, Deutz F4L 1011F, Deutz F3L 2011)	1
—	49143-2529	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 23 inches (Deutz F3L 1011F)	1
10	48977	Fitting	2
11	48984	Fitting	2
12	48922	Fitting	1
13	49133-1990	Hose Assembly - Components: Genie part numbers 48815, 48819 and 48753 @ 17.5 inches	1
14	49129-3025	Hose Assembly - Components: Genie part numbers 48812, 48821 and 48753 @ 28 inches (before serial number 7569)	1
—	49164-3043	Hose Assembly - Components: Genie part numbers 48800, 48818 and 48751 @ 28 inches (after serial number 7568)	
15	45161	Strainer Assembly	2
16	89403	Fitting	2
17	49159-3643	Hose Assembly - Components: Genie part numbers 48854, 48855 and 48764 @ 32.25 inches (Ford models, Perkins models, Deutz F3L 2011)	1
—	49159-4268	Hose Assembly - Components: Genie part numbers 48854, 48855 and 48764 @ 38.5 inches (Deutz F3L 1011F)	
—	49159-4043	Hose Assembly - Components: Genie part numbers 48854, 48855 and 48764 @ 36.25 inches (Deutz F4L 1011F)	
18	49159-4043	Hose Assembly - Components: Genie part numbers 48854, 48855 and 48764 @ 36.25 inches (Ford models, Perkins models, Deutz F3L 2011)	1
—	49159-4618	Hose Assembly - Components: Genie part numbers 48854, 48855 and 48764 @ 42 inches (Deutz F3L 1011F)	
—	49159-4268	Hose Assembly - Components: Genie part numbers 48854, 48855 and 48764 @ 38.5 inches (Deutz F4L 1011F)	
19	48912	Fitting	1
20	48915	Fitting (before serial number 7569)	2
—	48904	Fitting (after serial number 7568)	
21	49129-5425	Hose Assembly - Components: Genie part numbers 48812, 48821 and 48753 @ 52 inches (before serial number 7569)	1
—	49164-5643	Hose Assembly - Components: Genie part numbers 48818, 48800 and 48751 @ 54 inches (after serial number 7568)	

This list continues on the next page.

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	**Rev**	**Description**
710.1	C	Hydraulic Hoses and Fittings - Turntable

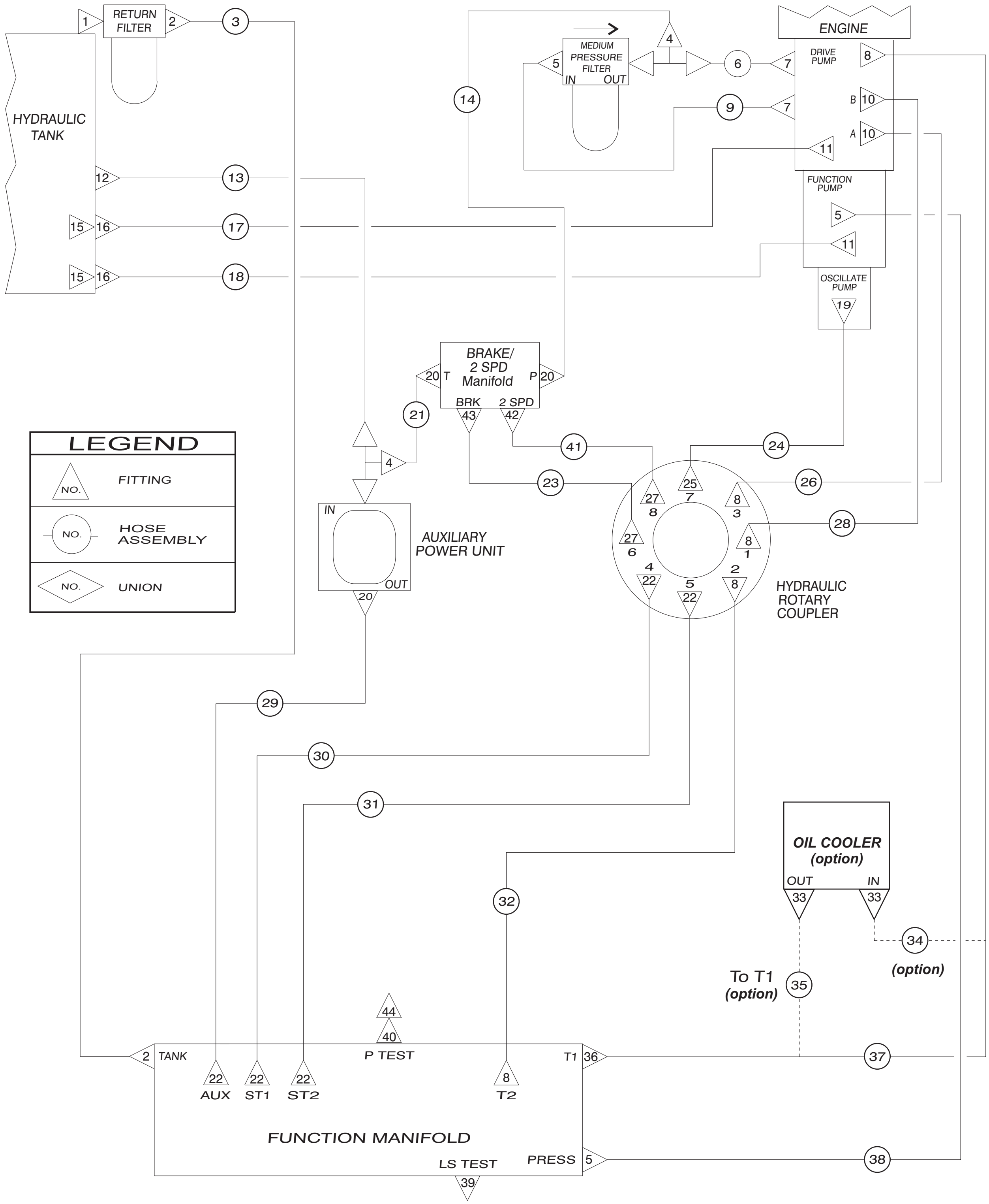


Item	Part No.	Description	Qty.
22	48916	Fitting	5
23	49130-4282	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 41 inches (before serial number 7569)	1
—	49119-4378	Genie part numbers 48800, 48800 and 48751 @ 42 inches (after serial number 7568)	
24	49117-4891	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 47 inches	1
25	48904	Fitting	1
26	94374-5530	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 52 inches (Ford models, Perkins 704-30, Deutz F4L 1011F)	1
—	94374-5930	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 56 inches (Deutz F3L 1011F)	
27	48926	Fitting (before serial number 7569)	1
—	48904	Fitting (after serial number 7568)	2
28	94374-5230	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 49 inches (Ford models, Perkins 704-30, Deutz F4L 1011F)	1
—	94374-5530	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 52 inches (Deutz F3L 1011F)	
29	49124-2228	Hose Assembly - Components: Genie part numbers 48812, 48813 and 48753 @ 20 inches	1
30	49130-4482	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 43 inches	1
31	49130-4282	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 41 inches	1
32	49151-4148	Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 39 inches	1
33	48963	Fitting (before serial number 7995)	2
—	48959	Fitting (after serial number 7994)	
34	49152-6369	Hose Assembly - Components: Genie part numbers 48841, 48842 and 48761 @ 61 inches (before serial number 7995)	1
—	49152-4869	Hose Assembly - Components: Genie part numbers 48841, 48842 and 48761 @ 46 inches (after serial number 7994)	
35	49151-7748	Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 75 inches (before serial number 7995)	1
—	49151-9248	Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 90 inches (after serial number 7994)	
36	48959	Fitting	1
37	49150-5230	Hose Assembly - Components: Genie part numbers 48841, 48846 and 48761 @ 49 inches (Ford models, Perkins 704-30, Deutz F4L 1011F, Deutz F3L 2011)	1
—	49150-5630	Hose Assembly - Components: Genie part numbers 48841, 48846 and 48761 @ 53 inches (Deutz F3L 1011F)	
38	49109-4129	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48758 @ 39 inches (Ford LRG-425, Perkins 704-30, Deutz F4L 1011F, Deutz F3L 2011)	1
—	49109-4929	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48758 @ 47 inches (Deutz F3L 1011F)	

This list continues on the next page.

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

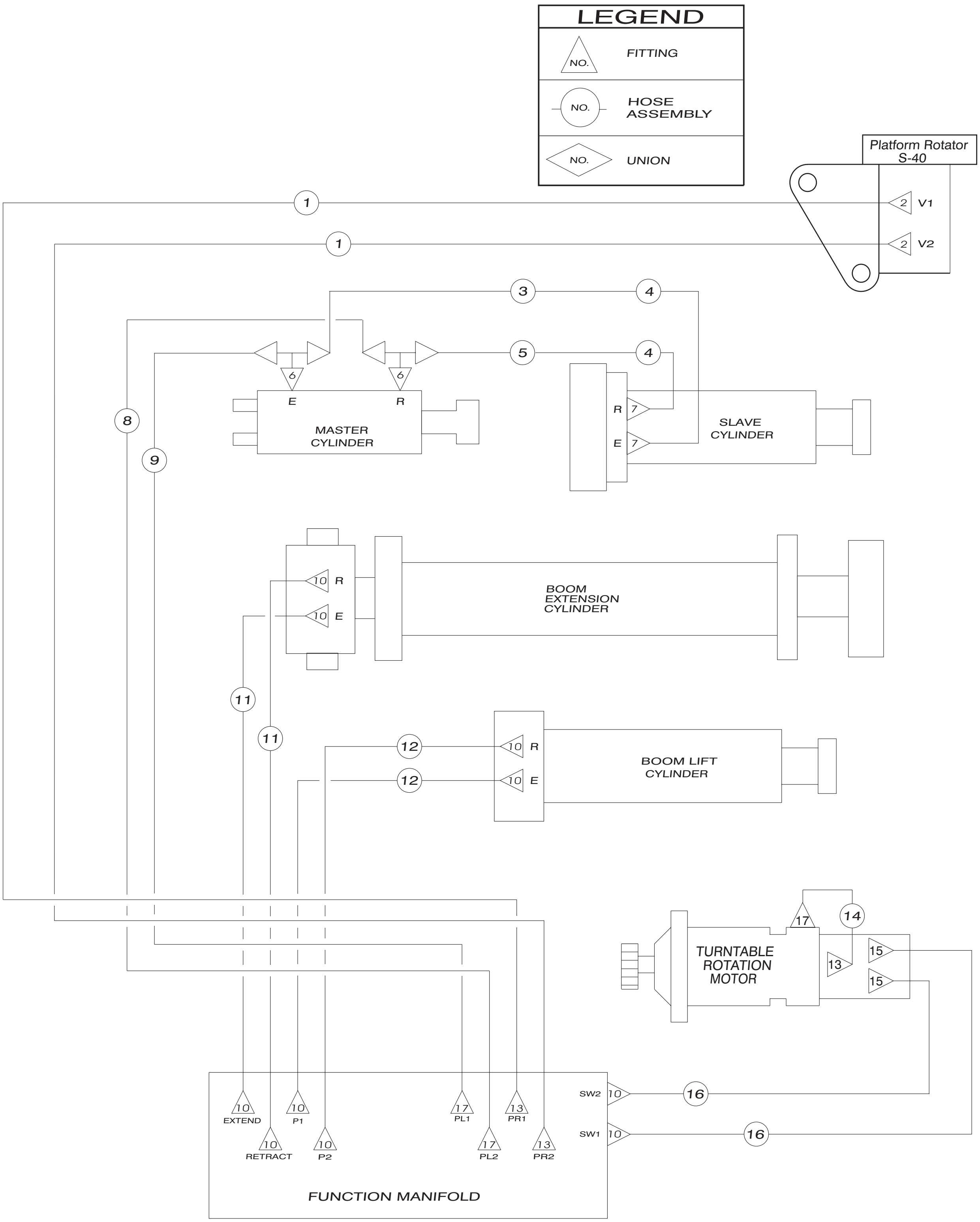
Figure	Rev	Description
710.1	C	Hydraulic Hoses and Fittings - Turntable



Item	Part No.	Description	Qty.
39	48997	Diagnostic Nipple	1
40	48907	Fitting	1
41	49119-4778	Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 46 inches (after serial number 7568)	1
42	48905	Fitting	1
43	48916	Fitting (before serial number 7569)	1
—	48905	Fitting (after serial number 7568)	
44	49207	Diagnostic Nipple	1

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
711.1	B	Hydraulic Hoses and Fittings - Boom Components, S-40

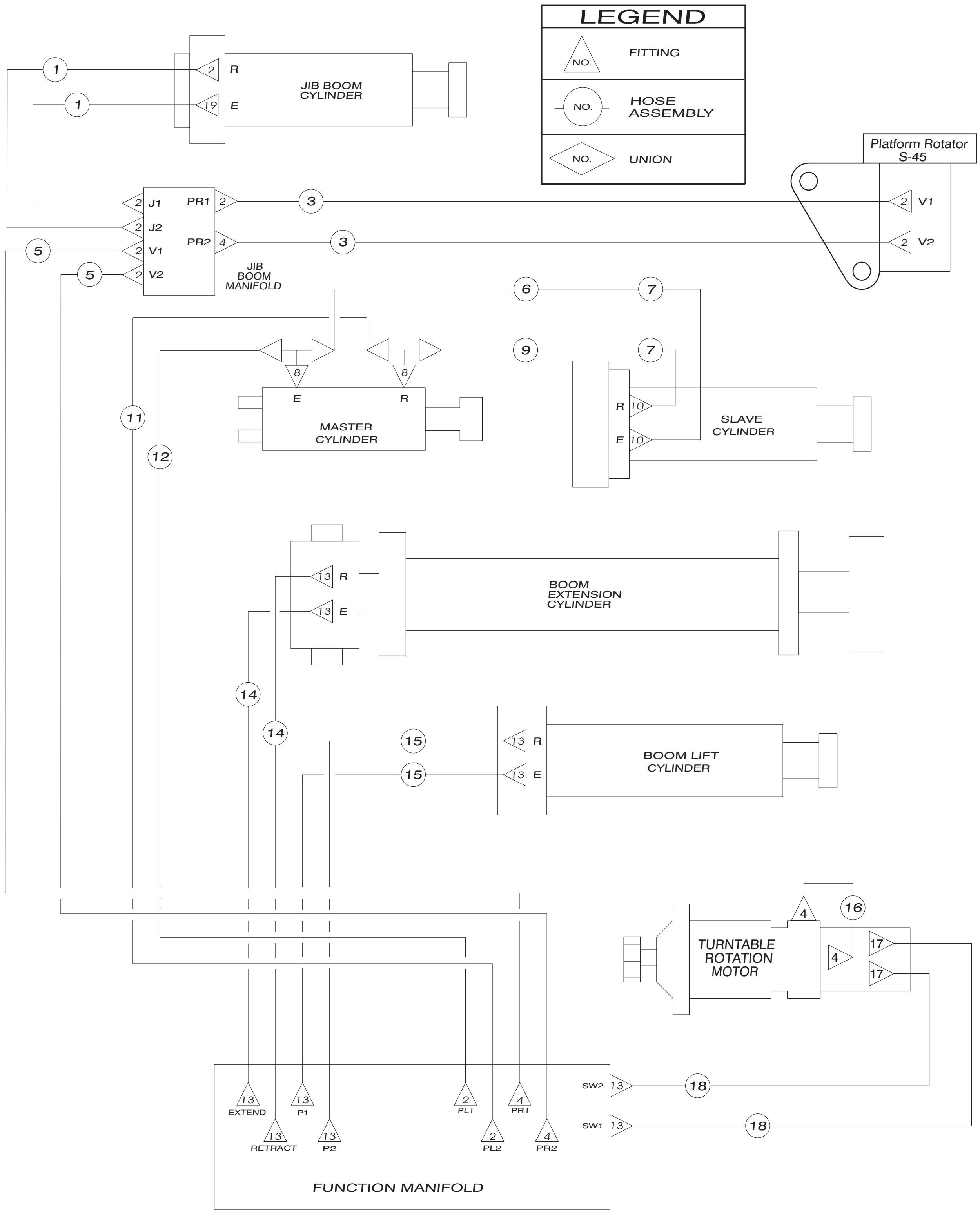


711.1
Hydraulic Hoses and Fittings - Boom Components, S-40 Rev B

Item	Part No.	Description	Qty.
1	49119-58678	Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 585 inches	2
2	48907	Fitting	2
3	49120-49781	Hose Assembly - Components: Genie part numbers 48800, 48810 and 48751 @ 496 inches	1
4	49121-4313	Hose Assembly - Components: Genie part numbers 42768, 48800 and 48751 @ 41.25 inches	2
5	49120-50781	Hose Assembly - Components: Genie part numbers 48800, 48810 and 48751 @ 506 inches	1
6	48919	Fitting	2
7	48912	Fitting	2
8	49181-10440	Hose Assembly - Components: Genie part numbers 48801, 48810 and 48751 @ 102 inches	1
9	49181-9240	Hose Assembly - Components: Genie part numbers 48801, 48810 and 48751 @ 90 inches	1
10	48916	Fitting	10
11	49126-11233	Hose Assembly - Components: Genie part numbers 48812, 48815 and 48753 @ 110 inches	2
12	49128-10509	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 103 inches	2
13	48904	Fitting	4
14	49117-1191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 10 inches	1
15	48915	Fitting	2
16	49130-1982	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 18 inches	2
17	48905	Fitting	2

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
712.1	B	Hydraulic Hoses and Fittings - Boom Components, S-45



712.1
Hydraulic Hoses and Fittings - Boom Components, S-45 Rev B

Item	Part No.	Description	Qty.
1	49117-5791	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 56 inches	2
2	48905	Fitting	10
3	49119-3278	Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 31 inches	2
4	48904	Fitting	5
5	49119-68278	Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 681 inches	2
6	49120-49781	Hose Assembly - Components: Genie part numbers 48800, 48810 and 48751 @ 496 inches	1
7	49184-3001	Hose Assembly - Components: Genie part numbers 42768, 48802 and 48751 @ 28 inches	2
8	48919	Fitting	2
9	49120-50781	Hose Assembly - Components: Genie part numbers 48800, 48810 and 48751 @ 506 inches	1
10	48912	Fitting	2
11	49181-10440	Hose Assembly - Components: Genie part numbers 48801, 48810 and 48751 @ 102 inches	1
12	49181-9240	Hose Assembly - Components: Genie part numbers 48801, 48810 and 48751 @ 90 inches	1
13	48916	Fitting	10
14	49126-11233	Hose Assembly - Components: Genie part numbers 48812, 48815 and 48753 @ 110 inches	2
15	49128-10509	Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 103 inches	2
16	49117-1191	Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 10 inches	1
17	48915	Fitting	2
18	49130-1982	Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 18 inches	2
19	48913	Fitting	1

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	Rev	Description
713.1	A	Hydraulic Hose and Fitting Cross-reference

Genie PN	Parker PN	Description
12342	6-4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
13757	4 R6X-S	RUN TEE,SWIVEL NUT,ORFS
19685	12-10 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
22664	12-10 C5OX	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
27431	8-12 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
28678	AS-B-33	SLEEVE,NYLON,1.81" ID
39871	6 WETX-WLN-S	UNION,90º BULKHEAD W/NUT,FLARE TUBE
39872	4 R5OX-S	RUN TEE,STRAIGHT THREAD
39873	6 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
39874	8-6 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
39875	4-6 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
39876	6-8 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
39877	4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
39878	6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
39879	4-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
39880	6-10 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
39881	4-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
39882	4-HP5ON-S	PLUG,STRAIGHT THREAD
39883	8-8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE
39885	269HB 12-12	ELBOW,90º,BEADED HOSE BARB TO MALE PIPE
39886	431-6	HOSE,3/8 INCH ID
39887	540N-2	HOSE,1/8 INCH ID
39888	801-8	HOSE,1/2 INCH ID
39889	801-12	HOSE,3/4 INCH ID
39890	10643-6-6	HOSE END,FEMALE SWIVEL,JIC
39891	13943-6-6	HOSE END,90º FEMALE SWIVEL,JIC
39892	13743-6-6	HOSE END,45º FEMALE SWIVEL,JIC
39894	30682-8-8	HOSE END,FEMALE SWIVEL,JIC
39895	30682-10-12	HOSE END,FEMALE SWIVEL,JIC
42286	8-8 CTX-S	ELBOW,90º,MALE PIPE TO FLARE TUBE
42756	8-12 CLO-S	ELBOW,90,MALE PIPE TO ORFS
42757	8-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS
42758	4 JLO-S	UNION TEE,ORFS
42759	4-4 FLO-S	CONNECTOR,MALE PIPE TO ORFS
42760	6-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
42761	1J143-6-4	HOSE END,90º FEMALE SWIVEL,SEAL LOK
42762	1J743-6-4	HOSE END,45º FEMALE SWIVEL,SEAL LOK
42768	1JO43-4-4	HOSE END,MALE,SEAL LOK
42776	601-8	HOSE,1/2 INCH ID
42777	1J743-16-16	HOSE END,45º FEMALE SWIVEL,SEAL LOK
42786	16 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
42787	16 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
42788	16-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
42789	6-6 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
42790	8-10 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
42791	3/4 CD-S	ELBOW,90º,MALE TO FEMALE PIPE
42792	3/4 X 1/2 PTR-S	REDUCER,MALE TO FEMALE PIPE
42793	1/2 CR-S	ELBOW,90º,MALE PIPE
42794	1 CR-S	ELBOW,90º,MALE PIPE
42795	BV-0839	BALL VALVE
42796	BV-0838	BALL VALVE
42874	6-8 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
42912	13943-6-4	HOSE END,90º FEMALE SWIVEL,JIC
42920	BV-0840	BALL VALVE,90º
42932	AS-B-17	SLEEVE,NYLON,1.22" ID
42936	10243-2-4	HOSE END,FEMALE PIPE
42953	1/2 DD-S	ELBOW,90º,FEMALE PIPE
42956	6 WELO-WLNL-S	UNION,90º BULKHEAD W/NUT,ORFS
45349	8 V5OX-S	ELBOW,45º,STRAIGHT THREAD TO FLARE TUBE
45351	4 V5OX-S	ELBOW,45º,STRAIGHT THREAD TO FLARE TUBE
47223	10343-6-6	HOSE END,MALE,JIC
47419	PS690503-6-6	SWIVEL,90º,STRAIGHT THREAD TO 37º FLARE
48750	421-4	HOSE,1/4 INCH ID
48751	481TC-4	HOSE,1/4 INCH ID
48752	482TC-4	HOSE,1/4 INCH ID
48753	451TC-6	HOSE,3/8 INCH ID
48754	482TC-6	HOSE,3/8 INCH ID
48755	381-6	HOSE,3/8 INCH ID
48756	451TC-8	HOSE,1/2 INCH ID
48757	482TC-8	HOSE,1/2 INCH ID
48758	381-8	HOSE,1/2 INCH ID
48759	381-10	HOSE,5/8 INCH ID
48760	451TC-10	HOSE,5/8 INCH ID
48761	482TC-12	HOSE,3/4 INCH ID
48762	451TC-12	HOSE,3/4 INCH ID
48763	772-12	HOSE,3/4 INCH ID
48764	881-16	HOSE,1 INCH ID
48765	772-16	HOSE,1 INCH ID
48766	AS-B-15	SLEEVE,NYLON,1.06" ID
48767	AS-B-22	SLEEVE,NYLON,1.42" ID
48770	881-8	HOSE,1/2 INCH ID
48771	881-10	HOSE,5/8 INCH ID
48772	381-4	HOSE,1/4 INCH ID
48773	AS-B-13	SLEEVE,NYLON,.86" ID
48800	1JC43-4-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48801	1J743-4-4	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48802	1J943-4-4	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48804	1JM43-4-4	HOSE END,MALE,SEAL LOK, NO O-RING
48805	10643-4-4	HOSE END,FEMALE SWIVEL,JIC
48806	13943-4-4	HOSE END,90º FEMALE SWIVEL,JIC
48807	1JS43-4-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48808	3JC82-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48809	3JC82-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48810	1JC43-6-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48811	1J943-6-4	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48812	1JC43-6-6	HOSE END,FEMALE SWIVEL,SEAL LOK

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Genie PN	Parker PN	Description
48813	1J143-6-6	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48814	1J543-6-6	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48815	1J743-6-6	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48816	1J943-6-6	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48817	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48818	1J943-8-4	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48819	1JC43-8-6	HOSE END,FEMALE SWIVEL,SEAL LOK
48820	1J743-8-6	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48821	1J943-8-6	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48822	1JC43-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48823	1JS43-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48824	1J143-8-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48825	1J543-8-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48826	1J743-8-8	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48827	1J943-8-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48828	1JC43-10-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48829	1JS43-10-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48830	1J743-10-8	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48831	1J943-10-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48833	1JC43-10-10	HOSE END,FEMALE SWIVEL,SEAL LOK
48834	1J943-10-10	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48835	1JS43-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48836	1JC43-12-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48837	1JS43-12-8	HOSE END,FEMALE SWIVEL,SEAL LOK
48838	1J743-12-8	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48839	1J943-12-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48840	1J943-12-10	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48841	1JC43-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48842	1JO43-12-12	HOSE END,MALE,SEAL LOK
48843	1J143-12-12	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48844	1J543-12-12	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48845	1J743-12-12	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48846	1J943-12-12	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48847	13943-12-12	HOSE END,90º FEMALE SWIVEL,JIC
48848	10543-12-12	HOSE END,MALE,STRAIGHT THREAD
48849	1JC71-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48850	1JS71-12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48851	1J171-12-12	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48852	1J771-12-12	HOSE END,45º FEMALE SWIVEL,SEAL LOK
48853	1J971-12-12	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48854	1JC43-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
48855	1J943-16-16	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48856	1J171-16-16	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48857	1J971-16-16	HOSE END,90º FEMALE SWIVEL,SEAL LOK
48859	1JS43-8-4	HOSE END,FEMALE SWIVEL,SEAL LOK
48867	PD36BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL
48873	6 PNLO-S	PLUG,TUBE END,ORFS
48874	6 PNTX-S	PLUG,FLARE TUBE
48875	6 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48877	4 F5OLO-SW/.025ORI	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.025 ORI
48878	16-12 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48879	8 C6LO-S	ELBOW,90º,SWIVEL NUT ORFS
48880	PD6-285	CAP,DIAGNOSTIC NIPPLE
48881	6 HLO-S	UNION,ORFS
48882	PD34BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL
48883	8 P5ON-S	PLUG,STRAIGHT THREAD
48884	8M18F87OMLO-S	CONNECTOR,METRIC,STRAIGHT THREAD TO ORFS
48885	4 WGTX-WLN-S	CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE
48886	4 F5OLO-SW/2MM OFF	CONNECTOR,MACHINED STRAIGHT THREAD TO ORFS
48887	4 CTX-S	ELBOW,90º,MALE PIPE TO FLARE TUBE
48888	10-12 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48890	4 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48891	4 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
48892	6 C6LO-S	ELBOW,90º,SWIVEL NUT ORFS
48893	6 F5OHAO-S	UNION,STRAIGHT THREAD
48894	8 WLO-WLNL-S	UNION,BULKHEAD,ORFS
48895	DT-370-MSMO-5	VALVE,CHECK
48896	6 JLO-S	UNION,TEE,ORFS
48897	DT-750-MSMS-5	VALVE,CHECK
48898	DT-750-MOMS-5	VALVE,CHECK
48899	DT-620-MOMS-5	VALVE,CHECK
48900	4-6 F5OLO-SW/.035ORI	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.035 ORI
48902	16-1 AOE4G-S	ELBOW,90º LONG,FEMALE PIPE TO STRAIGHT THREAD
48903	1 FF-S	NIPPLE,PIPE
48904	4 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48905	4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48906	4 R5OLO-S	RUN TEE,STRAIGHT THREAD
48907	4 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48908	4 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48909	4 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48910	4 GTX-S W/.030ORIFIC	CONNECTOR,FEMALE PIPE TO FLARE TUBE
48911	4-6 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48912	4-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48913	4-6 F5OLO-SW/.030OR	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.030 ORI
48914	4-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48915	6 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48916	6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48917	6 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
48918	6 R5OLO-S	RUN TEE,STRAIGHT THREAD

Figure	**Rev**	**Description**
713.1	A	Hydraulic Hose and Fitting Cross-reference

Genie PN	Parker PN	Description
48919	6 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48920	6 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48921	6 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48922	6-6 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48923	6 P5ON-S	PLUG,STRAIGHT THREAD
48925	6 WELO-S	UNION,90º BULKHEAD,ORFS
48926	6-4 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48927	6-4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48928	6-4 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48929	6-8 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48930	6-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48931	6-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48932	8 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48933	8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48934	8 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
48935	8 R5OLO-S	RUN TEE,STRAIGHT THREAD
48936	8 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48937	8 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48938	8 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48939	8 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
48940	8 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48941	8-4 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS
48942	8-6 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48943	8-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48944	8-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48945	8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE
48946	8-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48947	8-12 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48948	8-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48949	8-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48950	10 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48951	10 CC5OLO-S	ELBOW,90º LONG,STRAIGHT THREAD TO ORFS
48952	10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48953	10 R5OLO-S	RUN TEE,STRAIGHT THREAD
48954	10 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48955	10 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48956	10-4 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48957	10-6 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48958	10-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48959	12 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48960	12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48961	12 R5OLO-S	RUN TEE,STRAIGHT THREAD
48962	12 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48963	12 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48964	12 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48965	12 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
48966	12 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48967	12 JLO-S	UNION TEE,ORFS
48968	12 WLO-WLNL-S	UNION,BULKHEAD,ORFS
48969	12 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48970	12 WELO-WLNL-S	UNION,90º BULKHEAD W/NUT,ORFS
48971	12 G5G5JG5-S	TEE,FEMALE STRAIGHT THREAD
48972	12 XHL6-S	ADAPTER, 37º MALE TO SWIVEL ORFS
48973	12-1/2 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48974	12-10 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48975	12-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48976	12-16 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48977	12-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48978	12-16 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48980	12-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48983	16 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
48984	16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48985	16 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48986	16 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48988	16 CD45-S	ELBOW,45º,MALE TO FEMALE PIPE
48989	12 CD45-S	ELBOW,45º,MALE TO FEMALE PIPE
48990	8 CD45-S	ELBOW,45º,MALE TO FEMALE PIPE
48991	16-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48992	16-12 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
48993	XV501-12	BALL VALVE
48994	XV501-16	BALL VALVE
48995	XV510P-12	BALL VALVE
48996	XV510P-16	BALL VALVE
48997	PD341	DIAGNOSTIC NIPPLE, STRAIGHT THREAD
48998	PD 361	DIAGNOSTIC NIPPLE, STRAIGHT THREAD
48999	DT-500-MOMS-5	VALVE,CHECK
49201	10 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
49202	1JC43-12-10	HOSE END,FEMALE SWIVEL,SEAL LOK
49203	10-8 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
49205	6 F5OHAO-S	UNION,STRAIGHT THREAD
49207	PD34BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL
49209	8M18F870MX-S	CONNECTOR,METRIC,STRAIGHT THREAD TO FLARE TUBE
49212	8 WGTX-WLN-S	CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE
49213	30682-8-8	HOSE END,FEMALE SWIVEL,JIC
49216	831-8	HOSE,1/2 INCH ID
49217	33982-8-8	HOSE END,90º FEMALE SWIVEL,JIC
49219	PS-B-35	SLEEVE,NYLON,2.19" ID
49418	4-6 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
49511	DT370-MOMS-5	VALVE,CHECK
49512	1 DD-S	ELBOW,90º,FEMALE PIPE
49513	1 FF-S	NIPPLE,PIPE
49514	10 HP5ON-S	PLUG,STRAIGHT THREAD
49515	12-16 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
49517	6 HP5ON-S	PLUG,STRAIGHT THREAD

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Genie PN	Parker PN	Description
49519	16-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
49520	4 VTX-S	ELBOW,45º,MALE PIPE TO FLARE TUBE
49530	16 C6LO-S	ELBOW,90º,SWIVEL NUT ORFS
49612	PKT02586	O-RING KIT (ORFS FITTINGS)
49613	PKT06276	PLUG AND CAP KIT-SERVICE,ORFS
49728	10143-12-12	HOSE END, MALE PIPE
49729	16-1 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
49814	12-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
49829	DT-500-MOMF-5	VALVE,CHECK
49831	881-12	HOSE,3/4 INCH ID
49834	16 JLO-S	UNION TEE,ORFS
49838	12-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
49840	8 JLO-S	UNION TEE,ORFS
49844	10-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
49854	8 P5ON-S	PLUG,STRAIGHT THREAD
49855	1JC43-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK
49859	4 P5ON-S	PLUG,STRAIGHT THREAD
49861	4 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
49867	12-3/4 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
51152	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
51153	6-4 TRTX-S	REDUCER,TUBE END TO SWIVEL,ORFS
51154	4-4 GTX	CONNECTOR,FEMALE PIPE TO FLARE TUBE
51264	881-12	HOSE,3/4 INCH ID
51265	8 JLO-S	UNION TEE,ORFS
51508	6 BTX-S	NUT,FLARE TUBE
51580	12-8 TRLO-BL-S	TUBE END REDUCER,ORFS
51628	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
51735	3/8 HHP	PLUG,PIPE THREAD
51803	1J943-6-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
53023	125HBL-5-4	FITTING,HOSE BARB TO MALE PIPE
53497	PKT02585	O-RING KIT
53499	1JC71-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
53500	3-904	O-RING,STRAIGHT THREAD,-4
53501	3-906	O-RING,STRAIGHT THREAD,-6
53502	3-908	O-RING,STRAIGHT THREAD,-8
53503	3-910	O-RING,STRAIGHT THREAD,-10
53535	3-912	O-RING,STRAIGHT THREAD,-12
53536	4-PNLO-S	PLUG,TUBE END,ORFS
53537	6 PNLO-S	PLUG,TUBE END,ORFS
53538	8 PNLO-S	PLUG,TUBE END,ORFS
53539	10 PNLO-S	PLUG,TUBE END,ORFS
53540	12 PNLO-S	PLUG,TUBE END,ORFS
53946	129HB-5-4	FITTING,90º HOSE BARB TO MALE PIPE
53951	8-1/4F50G-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
53980	6 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
54132	4 C6LO-S	ELBOW,90º,SWIVEL NUT ORFS
54135	11343-16-16	HOSE END,MALE SWIVEL,PIPE
54283	8-10 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
54428	8M18C87OMLO-S	ELBOW, 90º METRIC, STRAIGHT THREAD TO ORFS
54803	FS-F-16-10	SLEEVE,FIRE,.96" ID
54954	10143-2-4	HOSE END, MALE PIPE
55190	3/8 HP-S	PLUG,PIPE THREAD
55448	8 HLO-S	UNION,ORFS
55839	6 F65OX-S	CONNECTOR,STRAIGHT THREAD TO 37º SWIVEL
55968	10 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
56003	6 CC5OLO-S	ELBOW,90º LONG,STRAIGHT THREAD TO ORFS
56166	BV-0837	BALL VALVE,90º
56188	10143-8-6	HOSE END, MALE PIPE
56233	2-011	O-RING,ORFS,-4
56234	2-012	O-RING,ORFS,-6
56235	2-014	O-RING,ORFS,-8
56236	2-016	O-RING,ORFS,-10
56237	2-018	O-RING,ORFS,-12
56238	2-021	O-RING,ORFS,-16
56352	6 WLNL-S	LOCKNUT,BULKHEAD
56353	3J782-12-12	HOSE END,45º FEMALE SWIVEL,SEAL LOK
56354	3J982-12-12	HOSE END,90º FEMALE SWIVEL,SEAL LOK
56604	10-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
56639	3JC82-10-10	HOSE END,FEMALE SWIVEL,SEAL LOK
56640	3J982-10-10	HOSE END,90º FEMALE SWIVEL,SEAL LOK
56655	3JC82-8-10	HOSE END,FEMALE SWIVEL,SEAL LOK
56676	10-8 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
56776	471TC-6	HOSE,3/8 INCH ID
56777	471TC-8	HOSE,1/2 INCH ID
56789	811-16	HOSE,1 INCH ID
57884	3/8 FF	NIPPLE,PIPE
59335	6 FNL-S	CAP, TUBE END
59342	4 FNL-S	CAP, TUBE END
59371	8 HP5ON-S	PLUG,STRAIGHT THREAD
60653	BV-0751	BALL VALVE
60806	125HB-3-4	FITTING,HOSE BARB TO MALE PIPE
61064	5-1/4 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
61079	4 WELO-WLNL-S	UNION,90º BULKHEAD W/NUT,ORFS
61080	6 WLO-WLNL-S	UNION,BULKHEAD,ORFS
61083	24 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
61086	20 R5OLO-S	RUN TEE,STRAIGHT THREAD
61090	24-20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
61091	1J943 24-24	HOSE END,90º FEMALE SWIVEL,SEAL LOK
61093	1J978-12-12	HOSE END,90º FEMALE SWIVEL,JIC
61095	1JS43-20-16	HOSE END,FEMALE SWIVEL,SEAL LOK
61100	811-24	HOSE,11/2 INCH ID
61130	1JS43-24-24	HOSE END,FEMALE SWIVEL,SEAL LOK
61131	1JS78 12-12	HOSE END,FEMALE SWIVEL,SEAL LOK
61132	1J778-12-12	HOSE END,45º FEMALE SWIVEL,JIC
61152	139HB-6-4	ELBOW,45º,BARB TO MALE PIPE
61251	BV-0750	BALL VALVE

Figure	Rev	Description
713.1	A	Hydraulic Hose and Fitting Cross-reference

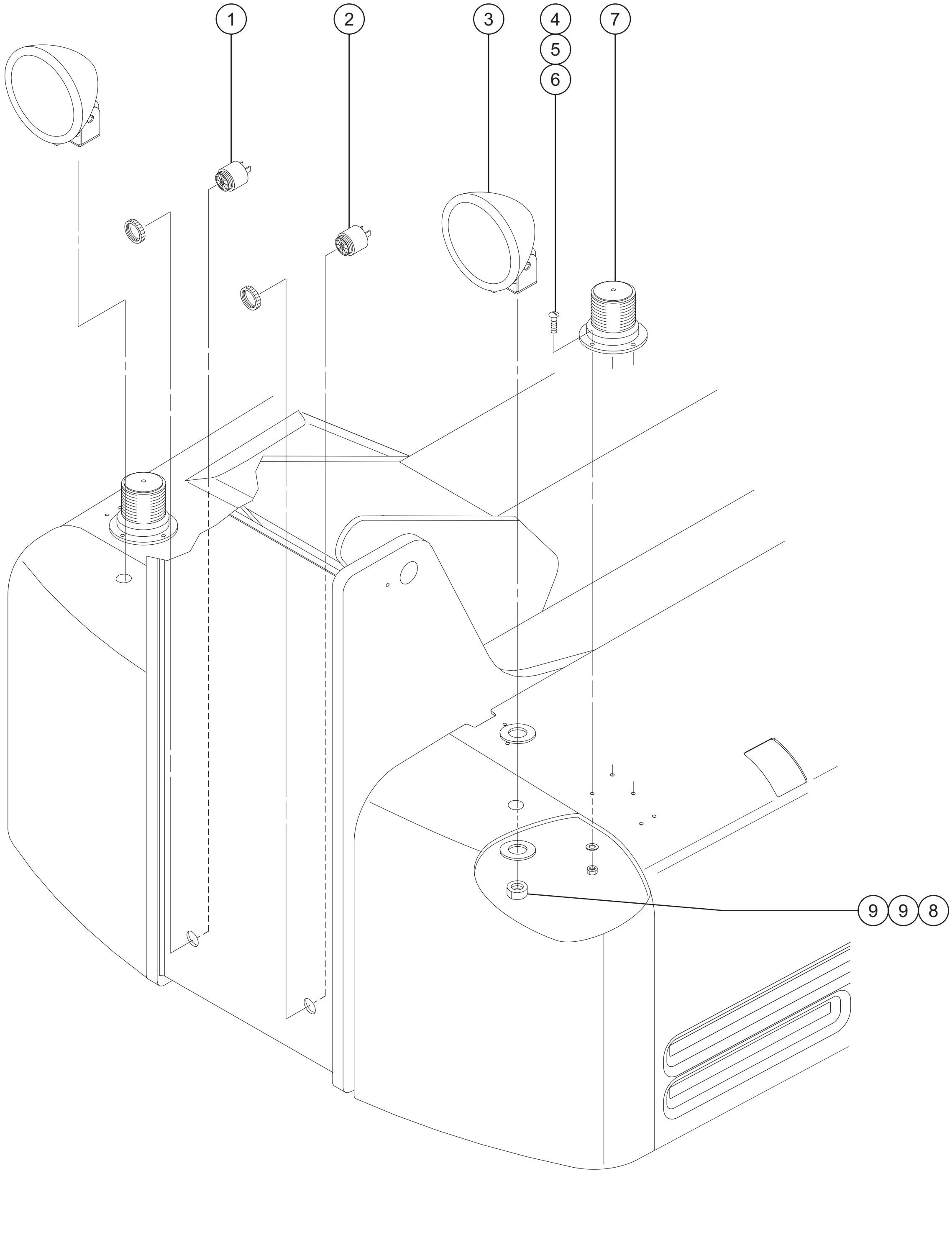
Genie PN	Parker PN	Description
61259	4 CC5OLO-S	ELBOW,90º LONG,STRAIGHT THREAD TO ORFS
61260	20-12 TRLO-BL	REDUCER,TUBE END TO SWIVEL,ORFS
61262	12 C6LO-S	ELBOW,90º,SWIVEL NUT ORFS
61263	20 F5OHAO-S	UNION,STRAIGHT THREAD
61264	6-10 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
61265	6 WNLO-WLNL-S	UNION,BULKHEAD 45º,ORFS
61268	4 WNLO-WLNL-S	UNION,BULKHEAD 45º,ORFS
61269	4 WLO-WLNL-S	UNION,BULKHEAD,ORFS
61272	12 AOEL6	ELBOW,90º,STRAIGHT THREAD TO ORFS SWIVEL
61316	482TC-16	HOSE,1 INCH ID
61321	6 JLO-S	UNION TEE,ORFS
61327	782-12	HOSE,3/4 INCH ID
61328	881-24	HOSE,11/2 INCH ID
61336	11943-20-24	HOSE END,90º FLANGE HEAD
61345	12 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
61346	8 WNLO-WLNL-S 4	UNION,BULKHEAD 45º,ORFS
61569	33782-8-8	HOSE END,45º FEMALE SWIVEL,JIC
61610	12 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
61742	1/8 X 1.5 FFF	NIPPLE,PIPE
63426	8 PNTX-S	PLUG,FLARE TUBE
64271	4 WLO-WLNL-S	UNION,BULKHEAD,ORFS
64272	6 WLO-WLNL-S	UNION,BULKHEAD,ORFS
65776	8 F65OL-S	CONNECTOR,STRAIGHT THREAD TO ORFS SWIVEL
65880	6001012	O-RING KIT
66154	6 WTX-WLNS	UNION,BULKHEAD,FLARE TUBE
66155	6 WETX-S	UNION,BULKHEAD 90º,FLARE TUBE
66156	6 WLN-S	BULKHEAD LOCKNUT
66389	6-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
66392	6 R5OX-S	RUN TEE,STRAIGHT THREAD
66396	811-12	HOSE,3/4 INCH ID
66829	H3174PP	CLAMP,TUBE
67217	4 KLO-S	UNION,CROSS,ORFS
67339	10-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
67357	13943-8-6	HOSE END,90º FEMALE SWIVEL,JIC
67358	10 HP5ON-S	PLUG,STRAIGHT THREAD
67371	12 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
67498	4 FNL-S	CAP, TUBE END
67906	DC-370-F0F0-5	VALVE,CHECK
69316	8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
69333	H3174PP	CLAMP,HYDRAULIC HOSE
69503	4 F65OX-S	CONNECTOR,STRAIGHT THREAD TO 37º SWIVEL
69775	8 FNL-S	CAP, TUBE END
71038	1/4X1/4F3HG-S	ADAPTER,CONVERSION
71196	12-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
71383	1/4 CD45-S	ELBOW,45º,MALE TO FEMALE PIPE
72270	12FNL-S	CAP, TUBE END
73436	60C-4	SLEEVE,COMPRESSION
73437	61C-4	NUT,COMPRESSION
73438	33482-4-4B	HOSE END,PUSH LOK,MALE
73767	1CD-S	ELBOW,90º,MALE TO FEMALE PIPE
73768	20-16-F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
73769	16-20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
74660	6-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS
74661	8-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS
75007	4 FLO-S	CONNECTOR,MALE PIPE TO ORFS
75008	1/8 HP-S	PLUG,PIPE THREAD
75014	1/2 HP-S	PLUG,PIPE THREAD
75042	8 WELO-WLNL-S	UNION,90º BULKHEAD W/NUT,ORFS
75043	3/4 FF-S	NIPPLE,PIPE
75254	24 F5OHAO-S	UNION,STRAIGHT THREAD
75255	12 F5OHAO-S	UNION,STRAIGHT THREAD
75256	XV5O6P-24	BALL VALVE
75574	4 WLNL-S	BULKHEAD LOCKNUT
75612	8 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
75613	12-8 F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
75614	8 CC5OLO-S	ELBOW,90º LONG,STRAIGHT THREAD TO ORFS
75628	1JB43-4-4	HOSE END,BULKHEAD,SEAL LOK
75631	801-6	HOSE,3/8 INCH ID
75654	20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
75655	1J943-20-20	HOSE END,90º FEMALE SWIVEL,SEAL LOK
75656	881-20	HOSE,1-1/4 INCH ID
75971	8 F5OHAO-S	UNION,STRAIGHT THREAD
77307	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
77309	8 WLNL-S	BULKHEAD LOCKNUT
77379	8M18C87OMX-S	ELBOW,90º METRIC,STRAIGHT THREAD TO FLARE TUBE
77703	3J982-8-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
77711	801-10	HOSE,5/8 INCH ID
77758	12 WNLO-WLNL-S	UNION,BULKHEAD 45º,ORFS
78091	6 C6X-S	ELBOW,90º,SWIVEL NUT TO FLARE TUBE
78684	30582-8-8B	HOSE END,PUSH LOK,MALE
78852	549-2	HOSE,1/8 INCH ID
78855	10657-4-2	HOSE END,FEMALE SWIVEL,JIC
79138	PS-B-37	SLEEVE,NYLON,2.38" ID
79476	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
79847	12-3/4 A0EG-S	ELBOW,90º,STRAIGHT THREAD TO FEMALE PIPE
80044	8 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
80502	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
80503	8 C5OX-S	ELBOW,90º,STRAIGHT THREAD TO FLARE TUBE
81010	AS-B-27	SLEEVE,NYLON,1.63" ID
83052	821-6	HOSE,3/8 INCH ID
83053	821-8	HOSE,1/2 INCH ID
83054	821-12	HOSE,3/4 INCH ID
83055	30682-6-6	HOSE END,FEMALE SWIVEL,JIC
83056	30682-12-12	HOSE END,FEMALE SWIVEL,JIC

713.1

Hydraulic Hose and Fitting Cross-reference Rev A

Genie PN	Parker PN	Description
83057	33782-6-6	HOSE END,45º FEMALE SWIVEL,JIC
83058	33982-6-6	HOSE END,90º FEMALE SWIVEL,JIC
83060	33982-12-12	HOSE END,90º FEMALE SWIVEL,JIC
83063	13743-4-4	HOSE END,45º FEMALE SWIVEL,JIC
83064	13743-8-8	HOSE END,45º FEMALE SWIVEL,JIC
83065	13743-12-12	HOSE END,45º FEMALE SWIVEL,JIC
83066	13943-8-8	HOSE END,90º FEMALE SWIVEL,JIC
83067	14143-6-6	HOSE END,90º FEMALE SWIVEL,JIC
83068	14143-8-8	HOSE END,90º FEMALE SWIVEL,JIC
83069	14143-12-12	HOSE END,90º FEMALE SWIVEL,JIC
83070	772-8	HOSE,1/2 INCH ID
83071	10671-8-8	HOSE END,FEMALE SWIVEL,JIC
83072	10671-12-12	HOSE END,FEMALE SWIVEL,JIC
83073	13771-8-8	HOSE END,45º FEMALE SWIVEL,JIC
83074	13771-12-12	HOSE END,45º FEMALE SWIVEL,JIC
83075	13971-8-8	HOSE END,90º FEMALE SWIVEL,JIC
83076	13971-12-12	HOSE END,90º FEMALE SWIVEL,JIC
83077	14171-8-8	HOSE END,90º FEMALE SWIVEL,JIC
83078	14171-12-12	HOSE END,90º FEMALE SWIVEL,JIC
83080	13943-16-16	HOSE END,90º FEMALE SWIVEL,JIC
83103	10671-16-12	HOSE END,FEMALE SWIVEL,JIC
83104	10671-10-12	HOSE END,FEMALE SWIVEL,JIC
83112	1JC71-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK
83113	1JS71-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK
83114	1JS71-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK
83115	1J971-8-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
83116	1J171-8-8	HOSE END,90º FEMALE SWIVEL,SEAL LOK
83117	1J771-8-8	HOSE END,45º FEMALE SWIVEL,SEAL LOK
83127	1J543-6-8	HOSE END,90º FEMALE SWIVEL,JIC
83128	1JC43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
87033	12-6 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS
87034	3J782-8-8	HOSE END,45º FEMALE SWIVEL,SEAL LOK
87172	12 HP5ON-S	PLUG,STRAIGHT THREAD
87185	8 WNLO-WLNL-S	UNION,BULKHEAD 45º,ORFS
87246	4 C6X-S	ELBOW,90º,SWIVEL NUT TO FLARE TUBE
87679	6 LHP-S	FLANGE SEAL FITTING, MALE
87681	6PLS N0702	BONDED SEAL
88100	SR88100	ADAPTER,OIL DRAIN,GM 3.0L
88311	1JS43-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK
88353	20 V5OLO-S	ELBOW,45º,STRAIGHT THREAD TO ORFS
88474	10081-20	Crimp Shell, 1.25"
88475	1988-20-24	HOSE END,90º FLANGE HEAD
88476	JS88-24-24	HOSE END,FEMALE SWIVEL,SEAL LOK
88477	1JC88-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK
88478	811-20	HOSE,11/4 INCH ID
88936	20-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
88937	20-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS
88938	1JC88-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
88939	1J988-16-16	HOSE END,90º FEMALE SWIVEL,ORFS
88940	811-16	HOSE,1 INCH ID
88944	1J988-20-20	HOSE END,90º FEMALE SWIVEL,ORFS
89403	16 VLO-S	ELBOW,45º,MALE PIPE TO ORFS
89449	6 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
89489	4 WJMLO-S	BRANCH TEE,BULKHEAD,ORFS
89551	1JB43-6-6	HOSE END,BULKHEAD,SEAL LOK
89552	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
89593	20 C5OLO-S	ELBOW,90º,STRAIGHT THREAD TO ORFS
94161	8-8 CLO-S	ELBOW,90º,MALE PIPE TO ORFS
94358	351TC-12	HOSE,3/4 INCH ID
94418	20 FLO-S	CONNECTOR,MALE PIPE TO ORFS
96358	12 TX-S	SLEEVE,FLARE TUBE
96359	12 BTX-S	NUT,FLARE TUBE
96397	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
96398	12-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
96402	10343-6-6	HOSE END,MALE,JIC
96407	30382-6-6B	HOSE END,MALE,JIC

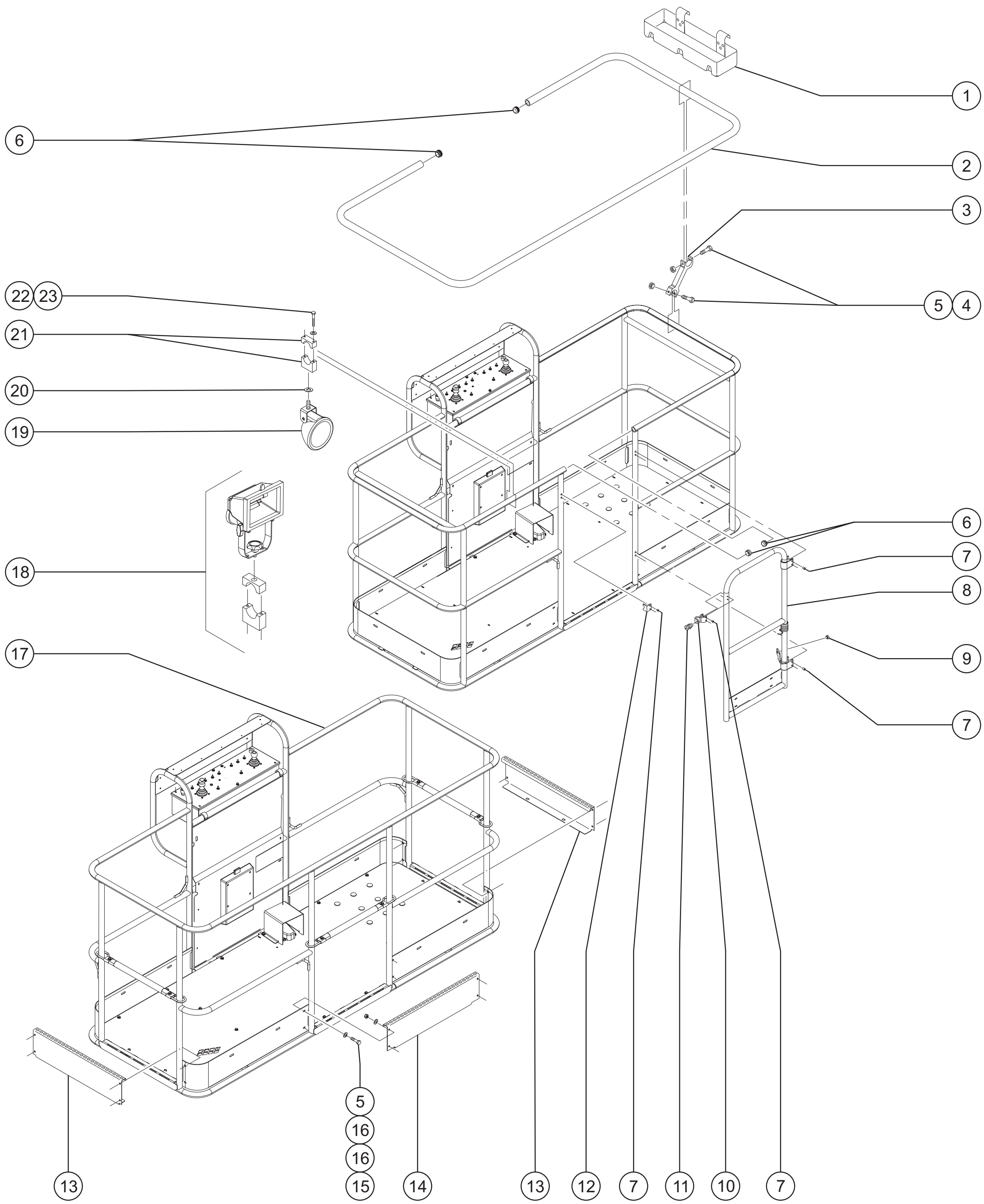
Figure	Rev	Description
801.1	D	Alarm and Beacon Package, Drive Light Option



801.1
Alarm and Beacon Package, Drive Light Option Rev D

Item	Part No.	Description	Qty.
—	46985	Alarm and Beacon Package, Complete	
—	89691	Drive Lights Option, Complete (includes item 3)	
—	Ref.	Alarm Package Harness (refer to 311.1)	
—	72867	Label - Drive Lights	
1	45462	Chime Tone Alarm, 5-25V DC (descent)	1
—	72326	Plastic Ring Nut	
2	18963	Intermittent Tone Alarm, 6-30V DC (travel)	1
—	72326	Plastic Ring Nut	
3	35958	Housing - Drive Light	2
—	35960	Drive Light, 12V DC	
—	Ref.	Harness, Drive Lights (refer to 311.1)	
4	6147	Screw - RHM, 10-32 x 1 inch	
5	6146	Flat Washer, Plated, #10	
6	6178	Nylock Nut, 10-32	
7	122030	Strobe, 12-72 V DC, Amber	2
—	72282	Amber Lens	
—	122019	Flashtube (after serial number 11296)	
8	6096	Screw - HHC, 1/2 -13 x 2 inches, GR 5	
9	33418	Plate Washer, 5/8 x 2.25 x 0.15 inch	

Figure	Rev	Description
802.1	E	Platform Options



Item	Part No.	Description	Qty.
—	53808-S	Pinch Guard Option, 6 Foot Platform - Complete	
—	53807-S	Pinch Guard Option, 8 Foot Platform - Complete	
—	73433-S	Swing Gate Option - Complete	
—	34321-S	Work Light Option, 12V DC - Complete (includes item 19)	
—	Ref.	Work Light Wire Harness (refer to 311.1)	
—	89540	Halogen Work Light Option 110V AC, 150W	
—	102720	European Toeboard, Tri-Entry Option, 8 Foot (includes items 5, 13-16)	

The following is a list of complete Tri-Entry platform assemblies by region, and then by size.

USA and Canada models:
(before serial number 9753)

—	102433	6 Foot Platform Tri-Entry Assembly	
—	102437	8 Foot Platform Tri-Entry Assembly	

(after serial number 9752)

—	111302	6 Foot Platform Tri-Entry Assembly	
—	111303	8 Foot Platform Tri-Entry Assembly	

European models:

—	102439	8 Foot Platform Tri-Entry Assembly	

Australian models:
(before serial number 9753)

—	102434	6 Foot Platform Tri-Entry Assembly	
—	102438	8 Foot Platform Tri-Entry Assembly	

(after serial number 9752)

—	111304	6 Foot Platform Tri-Entry Assembly	
—	111305	8 Foot Platform Tri-Entry Assembly	

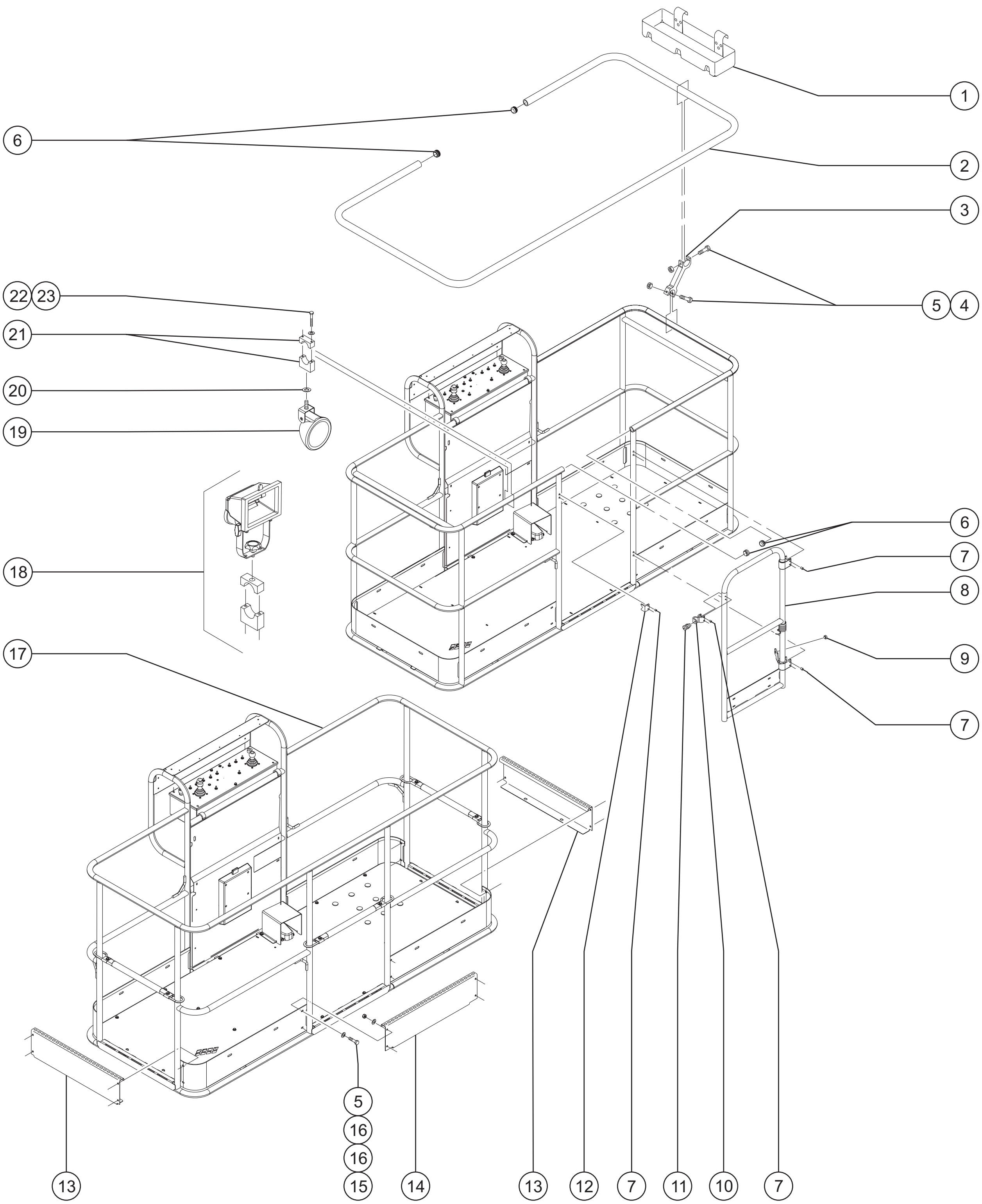
Asia and South American models:

—	102436	6 Foot Platform Tri-Entry Assembly	
—	102443	8 Foot Platform Tri-Entry Assembly	

Item	Part No.	Description	Qty.
1	9599-S	Tool Tray	1
2	53804P	Pinch Guard, 6 foot	1
—	52661P	Pinch Guard, 8 foot	
3	53803	Pinch Guard Support (1.25 inch tubing)	10
4	4266	Screw - HHC, 1/4 -20 x 2 inches	
5	6091	Nylock Nut, 1/4 -20	
6	55753	Cap Plug, 1.187 inches	2
7	7265	Steel Rivet, 0.25 x 0.375 inch	14
8	36870-S	Swing Gate	1
9	43392	Rubber Bumper Gate Stop	1
10	1487	Gate Latch Casting	1
11	33674	Snap Pin	1
12	1488	Railing Catch Casting	1
13	102721P	Toeboard - Tri-Entry (8 foot)	2
14	94745P	Toeboard - Tri-Entry (8 foot)	1
15	6090	Screw - HHC, 1/4 inch	
16	6638	Flat Washer, 1/4 inch	

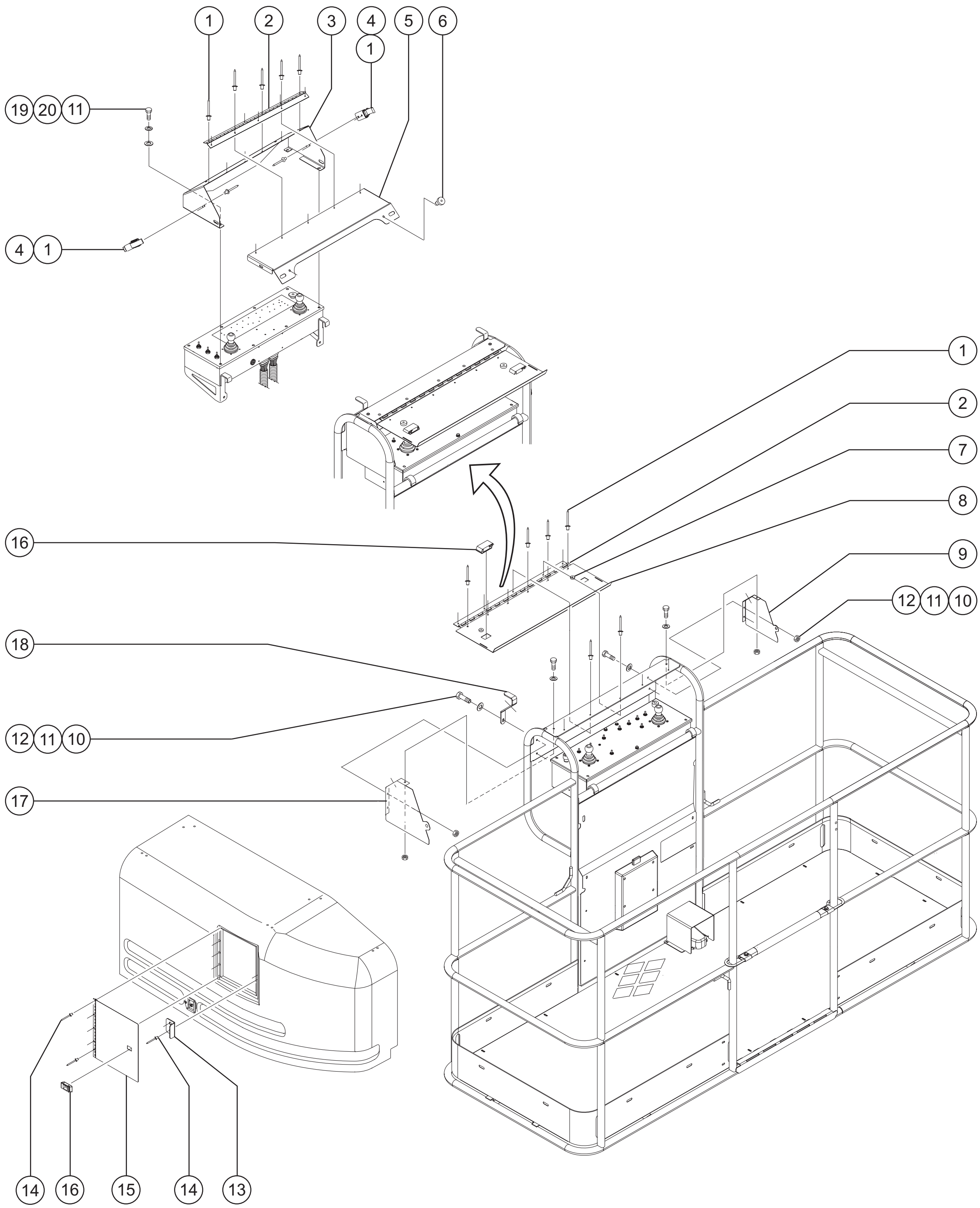
This list continues on the next page.

Figure	Rev	Description
802.1	E	Platform Options



Item	Part No.	Description	Qty.
USA and Canada models:			
(before serial number 9753)			
17	107704	6 Foot Platform Tri-Entry Railing Assembly with Decals	
—	107705	8 Foot Platform Tri-Entry Railing Assembly with Decals	
(after serial number 9752)			
17	111319	6 Foot Platform Tri-Entry Railing Assembly with Decals	
—	111320	8 Foot Platform Tri-Entry Railing Assembly with Decals	
European models:			
17	107706	8 Foot Platform Tri-Entry Railing Assembly with Decals	
Australian models:			
17	107707	6 Foot Platform Tri-Entry Railing Assembly with Decals	
—	107708	8 Foot Platform Tri-Entry Railing Assembly with Decals	
Asia and South American models:			
17	107709	6 Foot Platform Tri-Entry Railing Assembly with Decals	
—	107710	8 Foot Platform Tri-Entry Railing Assembly with Decals	
18	88904	Work Light, 110V AC, 150W, Halogen (includes items 21-23)	2
19	35958	Housing - Work Light	2
—	35960	Work Light, 12V DC	
20	6036	Lock Washer, 5/8 inch	
21	35956	Work Light Mount Bracket	2
22	6145	Screw - HHC, 1/4 -20 x 1.5 inches	
23	6356	Lock Washer, 1/4 inch	

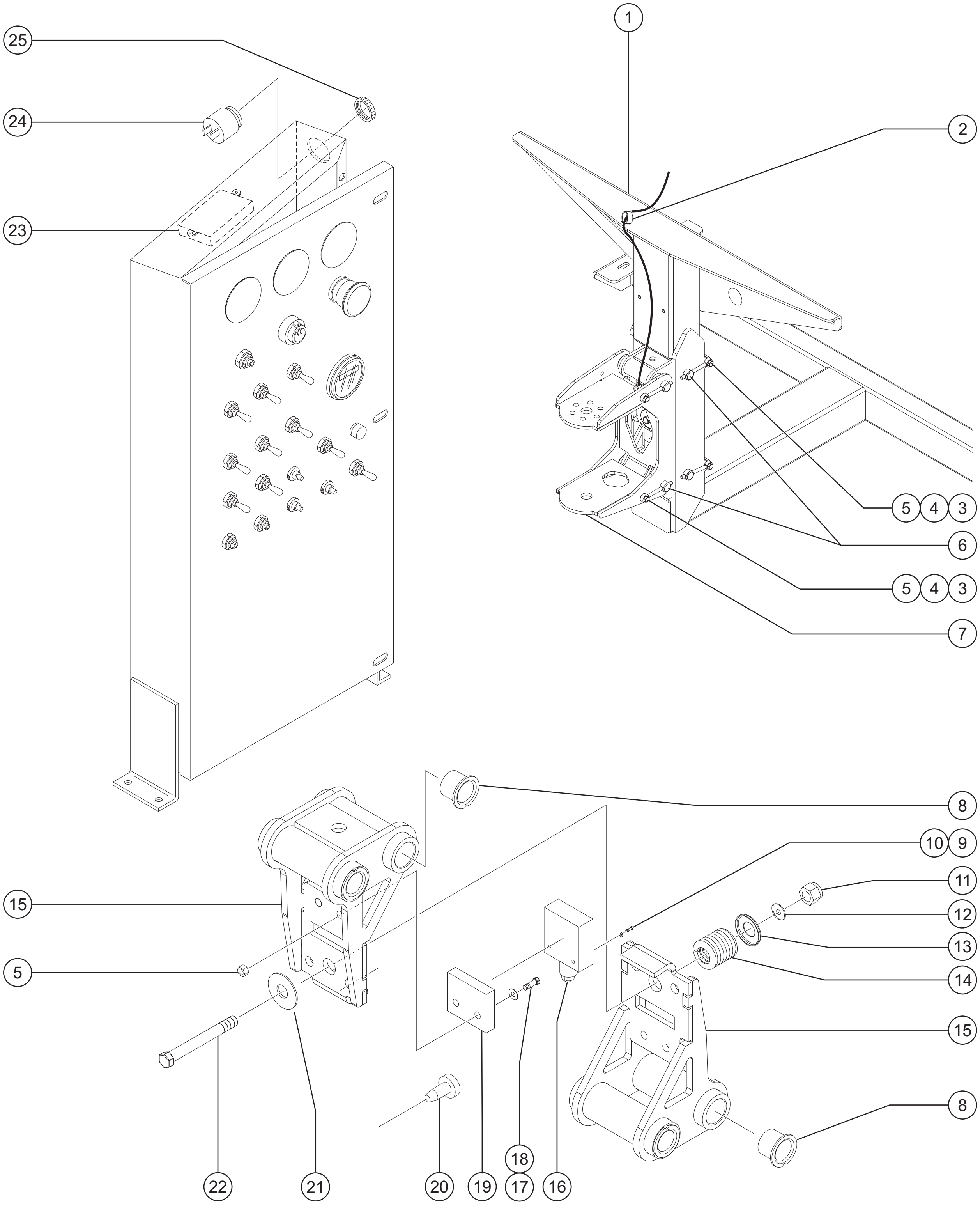
Figure	Rev	Description
803.1	C	Ground and Platform Control Box Covers Options



803.1
Ground and Platform Control Box Covers Options Rev C

Item	Part No.	Description	Qty.
—	88603-S	Base and Platform Covers Option - Complete	
—	81702-S	Platform Control Box Cover (before serial number 7080)	
—	88609-S	Platform Control Box Cover (from serial number 7080 to 7121)	
—	102854	Platform Control Box Cover (after serial number 7121)	
1	54486	Aluminium Rivet, 3/16 inch	15
2	111526	Platform Controls Hinge, 28 inches	1
3	60467-S	Platform Controls Cover (before serial number 7080)	1
4	61625	Draw Latch (before serial number 7080)	2
5	60468-S	Platform Controls Cover, lid (before serial number 7080)	1
6	43392	Rubber Bumper (before serial number 7080)	2
7	34619	Rubber Bumper	2
8	88608P	Platform Controls Cover Lid (from serial number 7080 to 7121)	1
—	102785P	Platform Controls Cover Lid (after serial number 7121)	
—	102676P	Platform Controls Cover Lid Assembly (after serial number 7121)	
9	88606P	Platform Controls Cover, Engine Side	1
10	6889	Nylock Nut, 1/4 -20	
11	6638	Flat Washer, 1/4 inch	
12	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
13	49534	Door Latch	1
14	53189	Aluminium Rivet, 0.25 x 0.375 inch	7
15	102148	Base Control Box Cover Assembly with Decals (includes items 13, 14 and 16)	1
16	30468	Latch	3
17	88607P	Platform Controls Cover, Tank Side	1
18	102786P	Control Box Lid Latch	2
19	8914	Screw - HHC, 1/4 -20 x 0.625 inch, GR 5	
20	6356	Lock Washer, 1/4 inch	

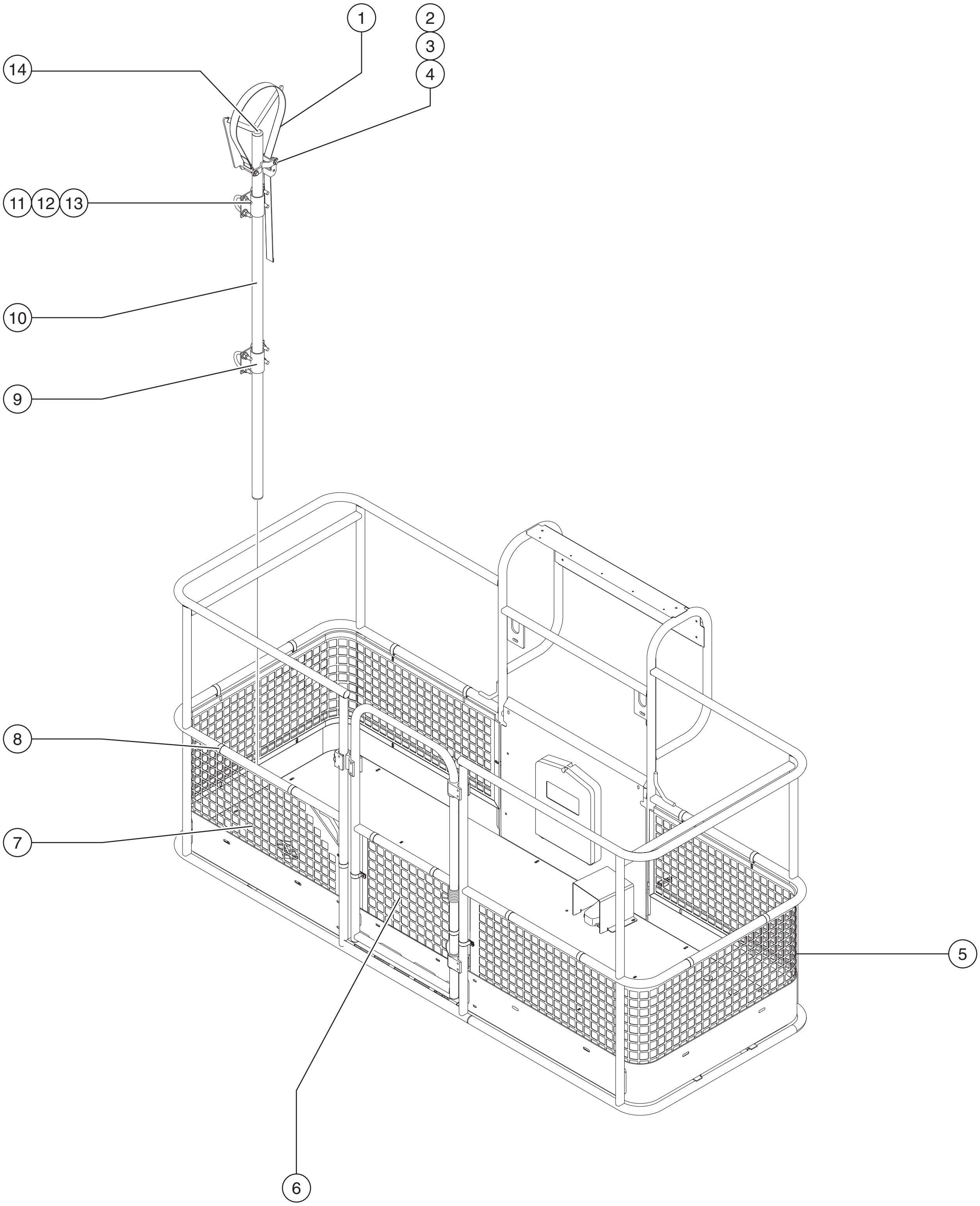
Figure	**Rev**	**Description**
804.1	C	Platform Overload - European Models



804.1
Platform Overload - European Models Rev C

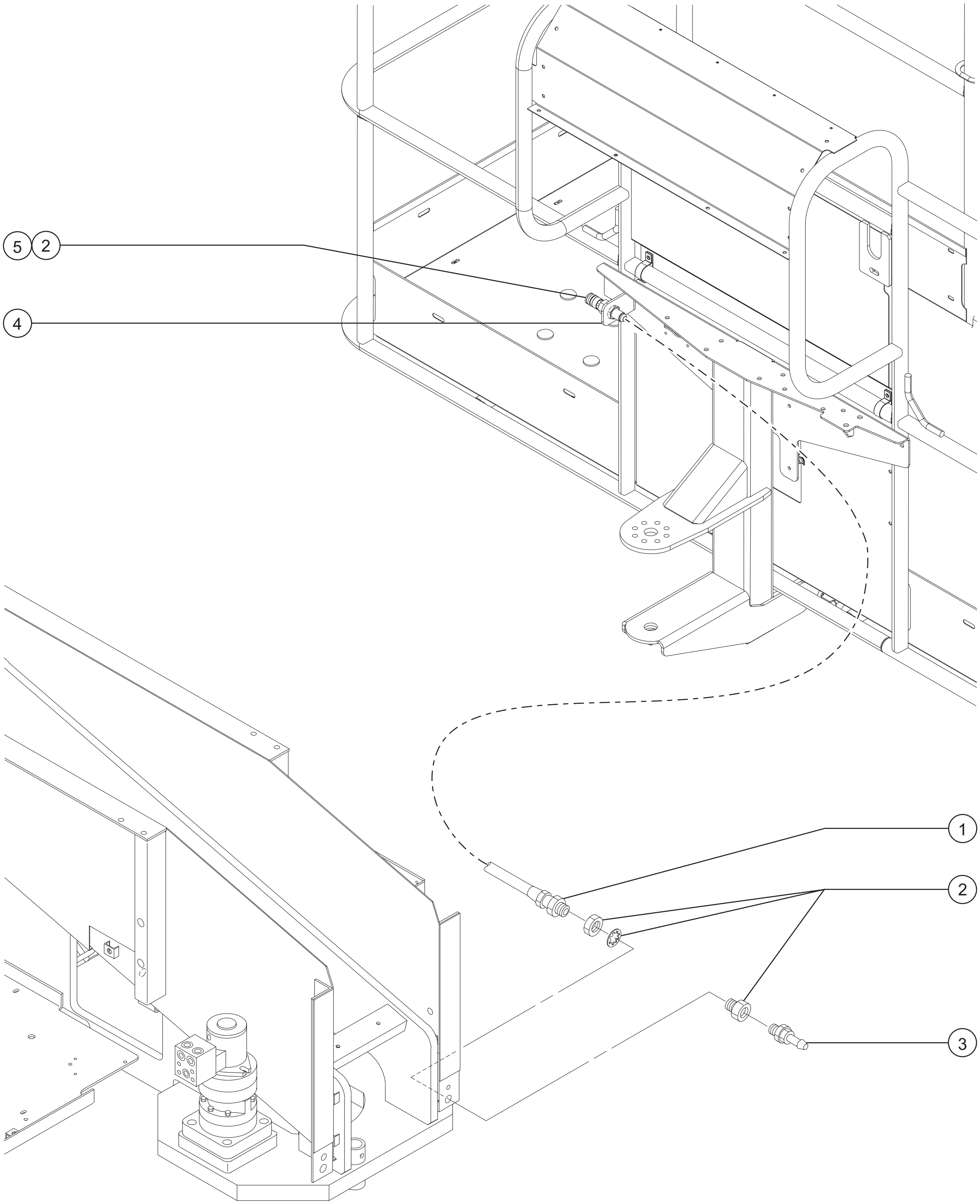
Item	Part No.	Description	Qty.
—	102069	Platform Overload Upgrade Kit (before serial number 7182)	
—	Ref.	Harness, Platform Load Sense (refer to 311.1)	
—	89922	Platform Overload Option (after serial number 7181)	
1	61997	Platform Support	1
2	6833	Rubber Cushioned Clamp, 0.5 x 0.25 inch	1
—	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
—	6091	Nylock Nut, 1/4 -20	
3	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
4	45748	Rod End, 0.25 x 2.75 inches	4
5	6091	Nylock Nut, 1/2 -20	
6	61726	Pivot Pin. 0.75 x 5.75 inches	4
—	94643	Zerk Fitting	
7	61804	Rotator Mount	1
8	94175	Flanged Bearings, 0.75 x 0.875 x 0.5 inch	8
9	51063	Screw - PHPM, 10-32 x 1.5 inches	
10	6146	Flat Washer, #10	
11	4828	Nylock Nut, 3/8 -16	
12	6097	Flat Washer, 3/8 inch	
13	61975	Spring Retainer, 1.21 x 0.375 inch	1
14	61974	Compression Spring, 232 in/lbs	1
15	89755	Load Support with Bearings (includes item 8)	2
16	94549	Limit Switch	1
17	4266	Screw - HHC, 1/4 -20 x 2 inches, GR 5	
18	6638	Flat Washer, 1/4 inch	
19	61972	Limit Switch Mount	1
20	34619	Rubber Bumper	2
21	80605	Flat Washer, 0.375 x 1.5 x 0.125 inch	
22	21604	Screw - HHC, 3/8 -16 x 3.25 inches, GR 5	
23	111091	Platform Overload Module	1
24	45383	Alarm - Warble Tone, 5-30V DC	1
25	72326	Retainer Nut	1

Figure	Rev	Description
805.1	C	Platform Half-Mesh and Pipe Cradle



Item	Part No.	Description	Qty.
—	85300	Pipe Cradle Option with Decal	
—	72875	Decal - Warning, Pipe Cradle	
—	73956-S	6 foot Half-mesh, Complete	
—	73958-S	8 foot Half-mesh, Complete	
—	Ref.	Swing Gate Option, Complete (refer to 802.1)	
1	56570	Pipe Cradle Strap	1
2	6884	Screw - HHC, 1/4 -20 x 2.5 inches, GR 5	
3	6638	Flat Washer, 1/4 inch	
4	6889	Low Profile Nylock Nut, 1/4 -20	
5	73500	Half-mesh, Right Side, 8 Foot	1
—	54465	Half-mesh, Right Side, 6 Foot	
6	54457	Half-mesh, Swing Gate	1
7	73501	Half-mesh, Left Side, 8 Foot	1
—	54458	Half-mesh, Left Side, 6 Foot	
8	56424	Clamp, 1.25 x 0.5 inch	14
—	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
—	6091	Nylock Nut, 1/4 -20	
—	6638	Flat Washer, 1/4 inch	
9	81368	Pipe Bracket	1
10	56525	Pipe Assembly	1
11	6550	U-bolt, 3/8 -16 x 1.5 inches	4
12	4828	Nylock Nut, 3/8 -16	
13	5397	Flat Washer, 5/16 inch	
14	55753	Plastic Plug, 1.25 inches	2

Figure	Rev	Description
806.1	B	Air Line to Platform



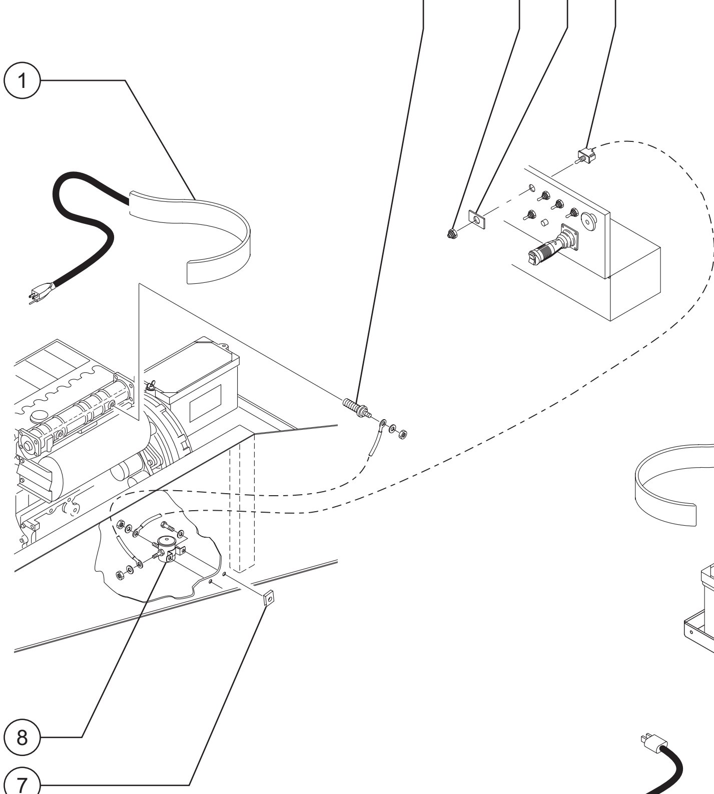
806.1
Air Line to Platform Rev B

Item	Part No.	Description	Qty.
—	30620-S	Air Line to Platform Option	
—	44981	Label - Air Line to Platform, 110 psi / 7.58 bar	
1	49177-71294	Hose Assembly - Components: Genie part numbers 49213, 49213 and 39888 @ 711 inches	1
2	49212	Female Bulkhead Adapter	2
3	49214	Male Quick Disconnect Plug	1
4	60886P	Air Line Mount Plate (mounts with existing hardware)	1
5	49215	Female Quick Disconnect	1

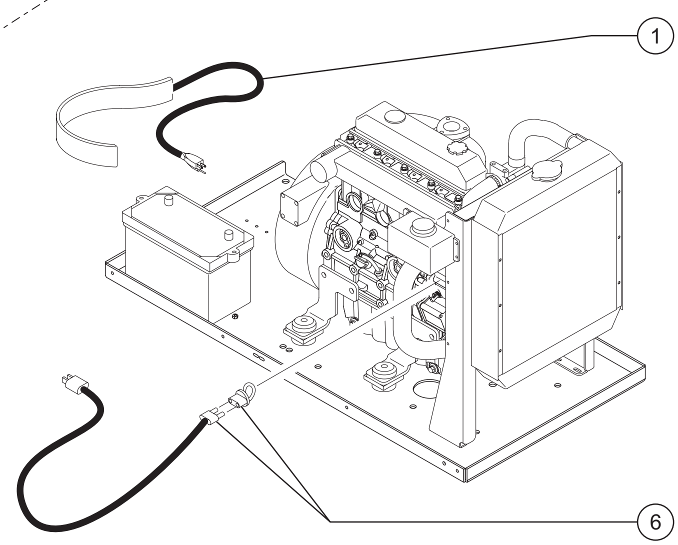
The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

Figure	**Rev**	**Description**
807.1	B	Cold Start Package

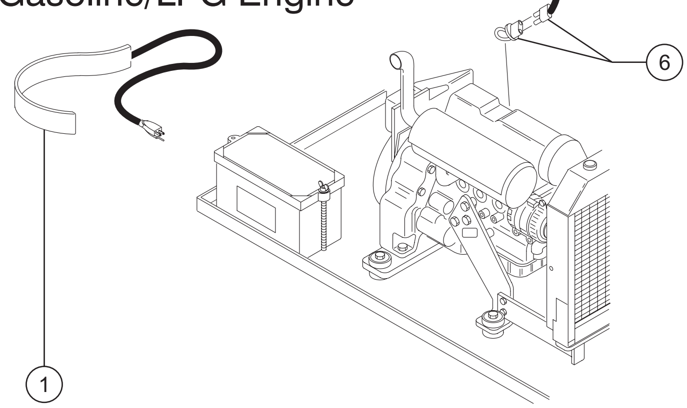
Deutz Diesel Engine



Perkins Diesel Engine

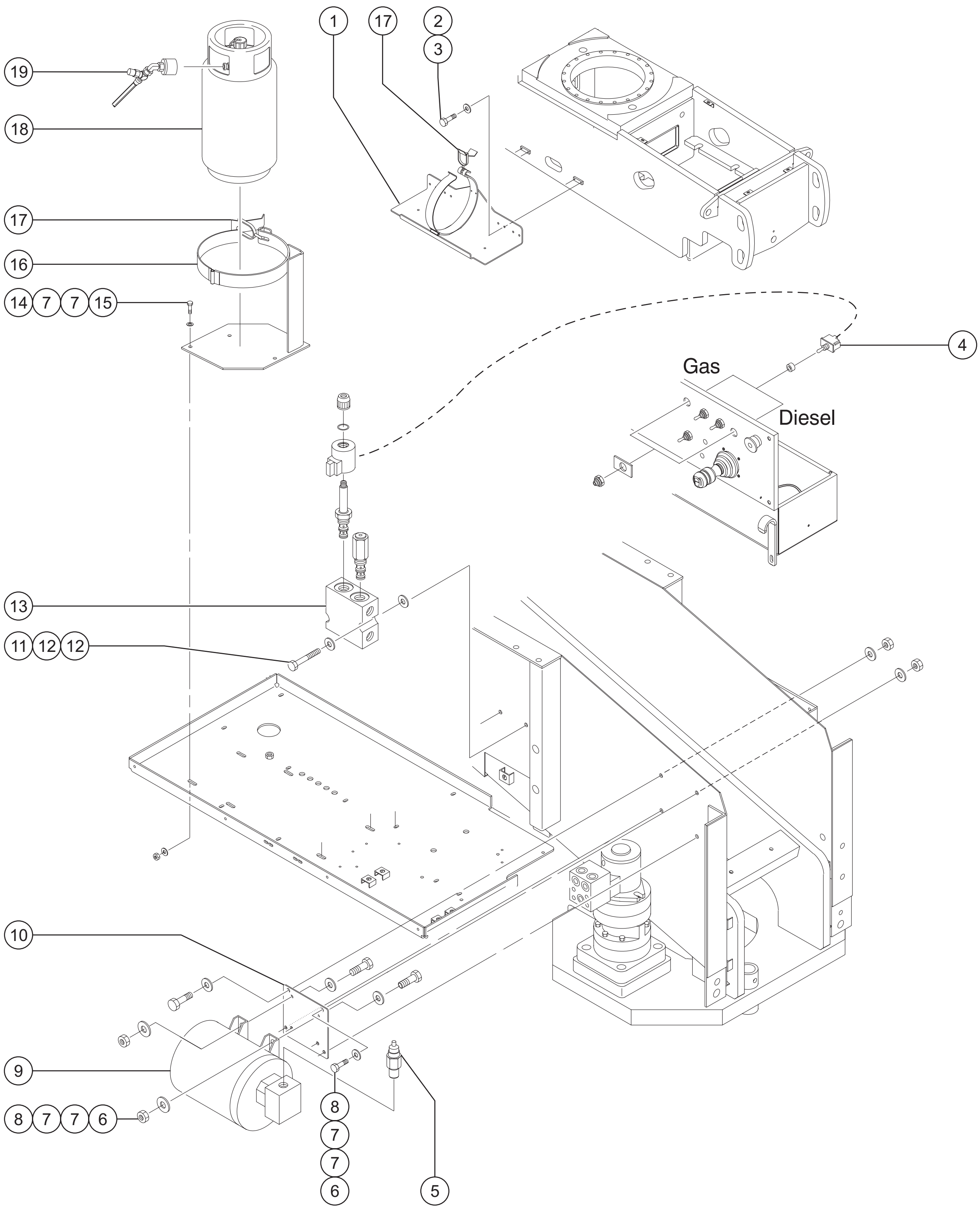


Ford Gasoline/LPG Engine



Item	Part No.	Description	Qty.
—	53156	Cold Start Package, 110V, 60Hz (Ford models) (includes items 1 and 6)	
—	53982	Cold Start Package, 110V, 60Hz (Perkins 704-30 models) (includes items 1 and 6) (before serial number 7472)	
—	70361	Cold Start Package, 110V, 60Hz (Perkins 404-22 models) (includes items 1 and 6) (after serial number 7471)	
—	53159-S	Cold Start Package, 110V, 60Hz (Deutz F3L 1011F models) (includes items 1-5, 7 and 8 (before serial number 7544)	
—	70360	Cold Start Package, 110V, 60Hz (Deutz F3L 2011 models) (includes item 1) (after serial number 7543)	
1	28853	Battery Blanket, 110V, 60Hz	3
2	31408	Glow Plug (Deutz models) (before serial number 7544)	1
3	27246	Rubber Boot (Deutz models) (before serial number 7544)	1
4	32726	Glow Plug Decal (Deutz models) (before serial number 7544)	1
5	13037	Toggle Switch - SPDT, 3 Position, Momentary (includes mounting fasteners) (Deutz models) (before serial number 7544)	1
—	54692	Nylon Spacer, 0.718 x 0.526 x 0.219 inch (before serial number 7544)	
6	70552	Freeze Plug Heater, 110V, 60Hz (Perkins models) (before serial number 7472)	1
—	77382	Freeze Plug Heater, 110V, 60Hz (Perkins models) (after serial number 7471)	
6	35610	Freeze Plug Heater, 110V, 60Hz (Gasoline/LPG models)	1
7	25969	Spring Clip Nut, 1/4 -20 (Deutz models) (before serial number 7544)	2
8	27155	Solenoid, 12V Continuous (Deutz models) (before serial number 7544)	1

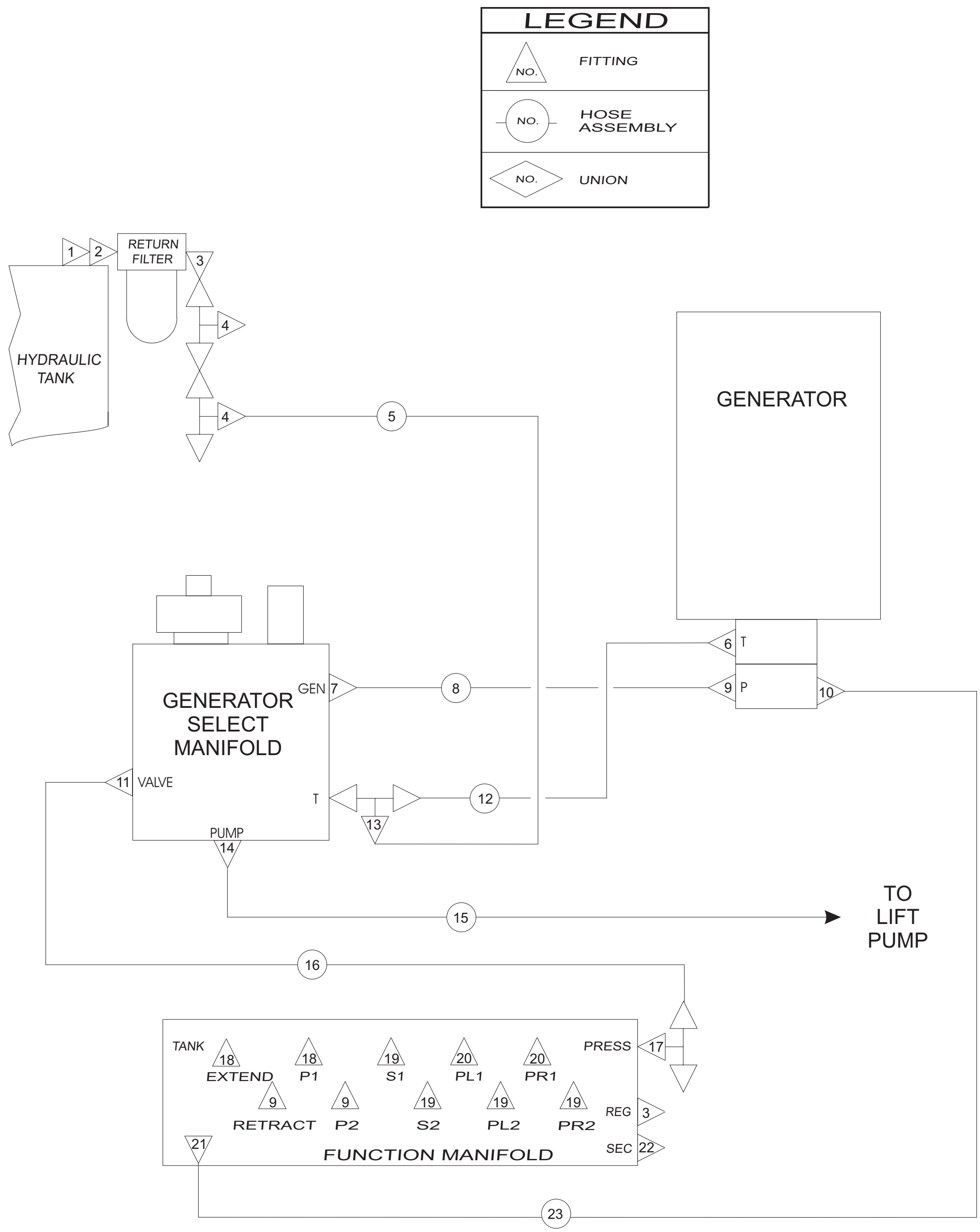
Figure	Rev	Description
808.1	G	Generator and Second LPG Tank Options



Item	Part No.	Description	Qty.
—	89606	2500W Generator Option 220V AC, 50Hz	
—	89605	3000W Generator Option 110V AC, 60Hz	
—	73963	LPG Tank Option	
—	89628	Second LPG Carrier Option (includes item 20) (before serial number 7401)	
—	102347	Second LPG Carrier Option (includes item 20) (after serial number 7400)	
1	89531-S	Second LP Tank Carrier Mount (before serial number 7401)	1
—	60143-S	Second LP Tank Carrier Mount (after serial number 7400)	
2	8255	Screw - HHC, 3/8 -16 x 0.75 inch, GR 5	
3	6021	Lock Washer, 3/8 inch	
4	27378-S	Toggle Switch (generator option) DPDT, 2 Position, Maintained	1
—	54692	Nylon Spacer, 0.718 x 0.526 x 0.219 inch	
—	27246	Rubber Boot	
—	32728	Generator Decal	
5	32735	Flow Regulator Valve, 4.3 gpm / 16.3 L/min (for use with 2500W generator)	1
—	65841	Flow Regulator Valve, 6.5 gpm / 24.6 L/min (for use with 3000W generator)	
6	13918	Screw - HHC, 3/8 -16 x 1.75 inches, GR 8	8
7	5397	Flat Washer, 5/16 inch	
8	4828	Nylock Nut, 3/8 -16	

Item	Part No.	Description	Qty.
9	36928	Hydraulic Generator, 2500W, 220V AC 50Hz (includes item 2)	1
—	32732	Rectifier Assembly	
—	32733	Bridge, 35A Full Wave	
—	89719	Brush Endbell Assembly	
—	52086	Hydraulic Motor	
9	111381	Hydraulic Generator, 3000W, 110V AC 60Hz (includes item 2)	1
—	32732	Rectifier Assembly	
—	32733	Bridge, 35A Full Wave	
—	52000	Brush Holder Assembly with Brush	
—	52001	Hydraulic Motor	
10	89434P	Generator Mount	1
11	4266	Screw - HHC, 1/4 -20 x 2 inches, GR 5	
12	6638	Flat Washer, 1/4 inch	
13	Ref.	Flow Control Manifold (Refer to 704.1)	
14	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
15	7713	Nylock Nut, 3/8 -16	
16	53120-S	LPG Tank Mount (before serial number 7401)	1
—	102342	LPG Tank Mount (after serial number 7400)	
17	49000	LP Tank Latch	1
18	53605	LPG Tank, 33.5 lbs.	1
19	25967	LPG Hose Assembly (before serial number 7401)	1
—	30275	LPG Hose Assembly (after serial number 7400)	

Figure	Rev	Description
809.1	B	Hydraulic Hoses and Fittings - Generator

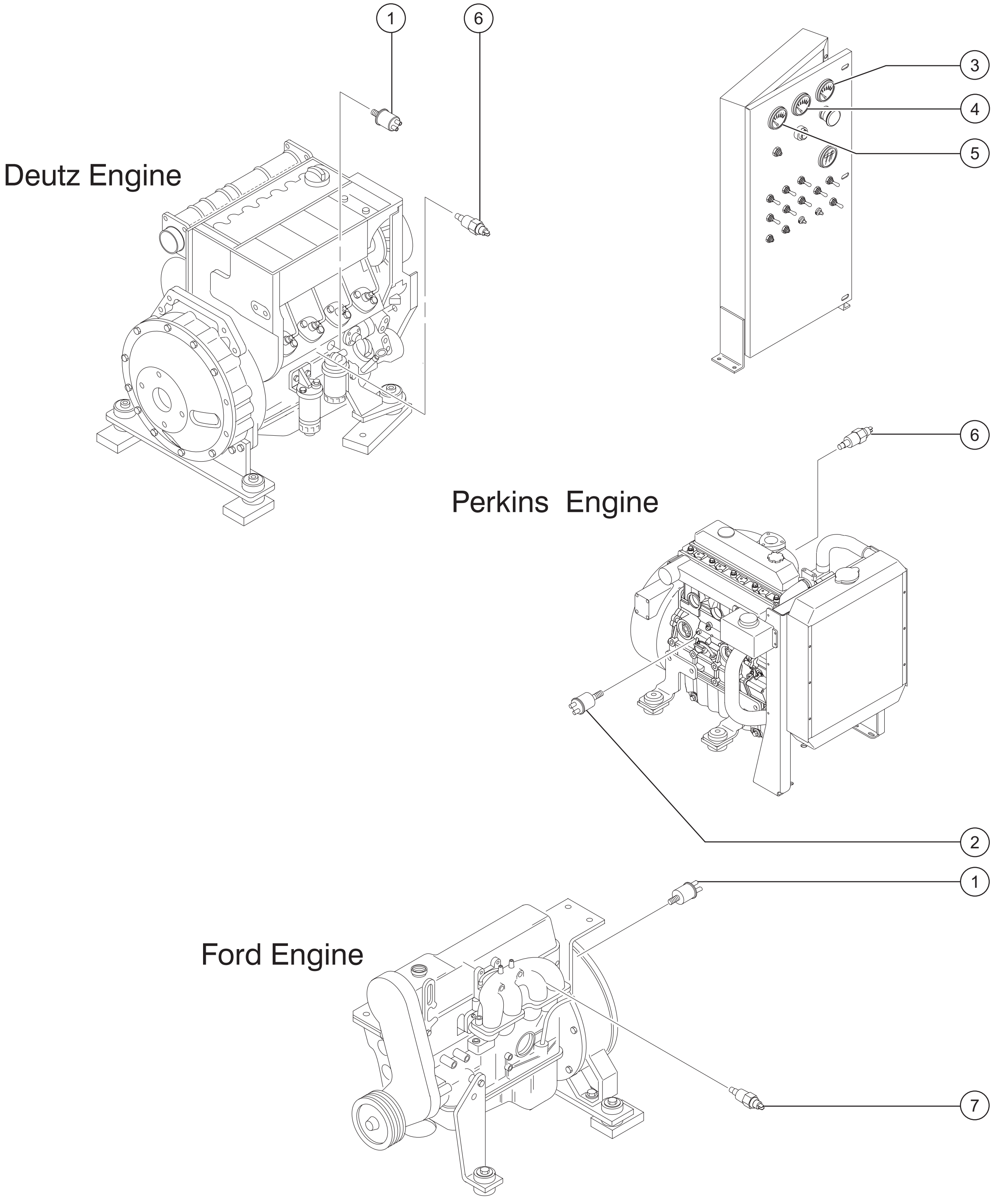


809.1
Hydraulic Hoses and Fittings - Generator Rev B

Item	Part No.	Description	Qty.
—	49613	Plug and Cap Kit (for ORFS fittings)	
—	49612	O-ring Kit (services ORFS fittings)	
1	48986	Fitting	1
2	49512	Fitting	1
3	49515	Fitting	2
4	48964	Fitting	2
5	49142-7062	Hose Assembly - Components: Genie part numbers 48822, 48839 and 48756 @ 68 inches	1
6	49203	Fitting	1
7	48933	Fitting	3
8	49143-2979	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 27.5 inches	1
9	48937	Fitting	3
10	48905	Fitting	1
11	48960	Fitting	1
12	65513	Hose Assembly - Components: Genie part numbers 48828, 48827 and 48756 @ 27.5 inches	1
13	48935	Fitting	1
14	48958	Fitting	1
15	49101-7835	Hose Assembly - Components: Genie part numbers 48833, 48840 and 48759 @ 75.25 inches	1
16	49101-5910	Hose Assembly - Components: Genie part numbers 48833, 48840 and 48759 @ 56 inches	1
17	48954	Fitting	1
18	48934	Fitting	2
19	48916	Fitting	4
20	48917	Fitting	2
21	48912	Fitting	1
22	48930	Fitting	1
23	49117-3391	Hose Assembly - Components: Genie part numbers 48802, 48800 and 48751 @ 32 inches	1

The length listed in the component description is the length of the hose only.
Refer to 712.1 to cross-reference Genie part numbers to Parker part numbers.

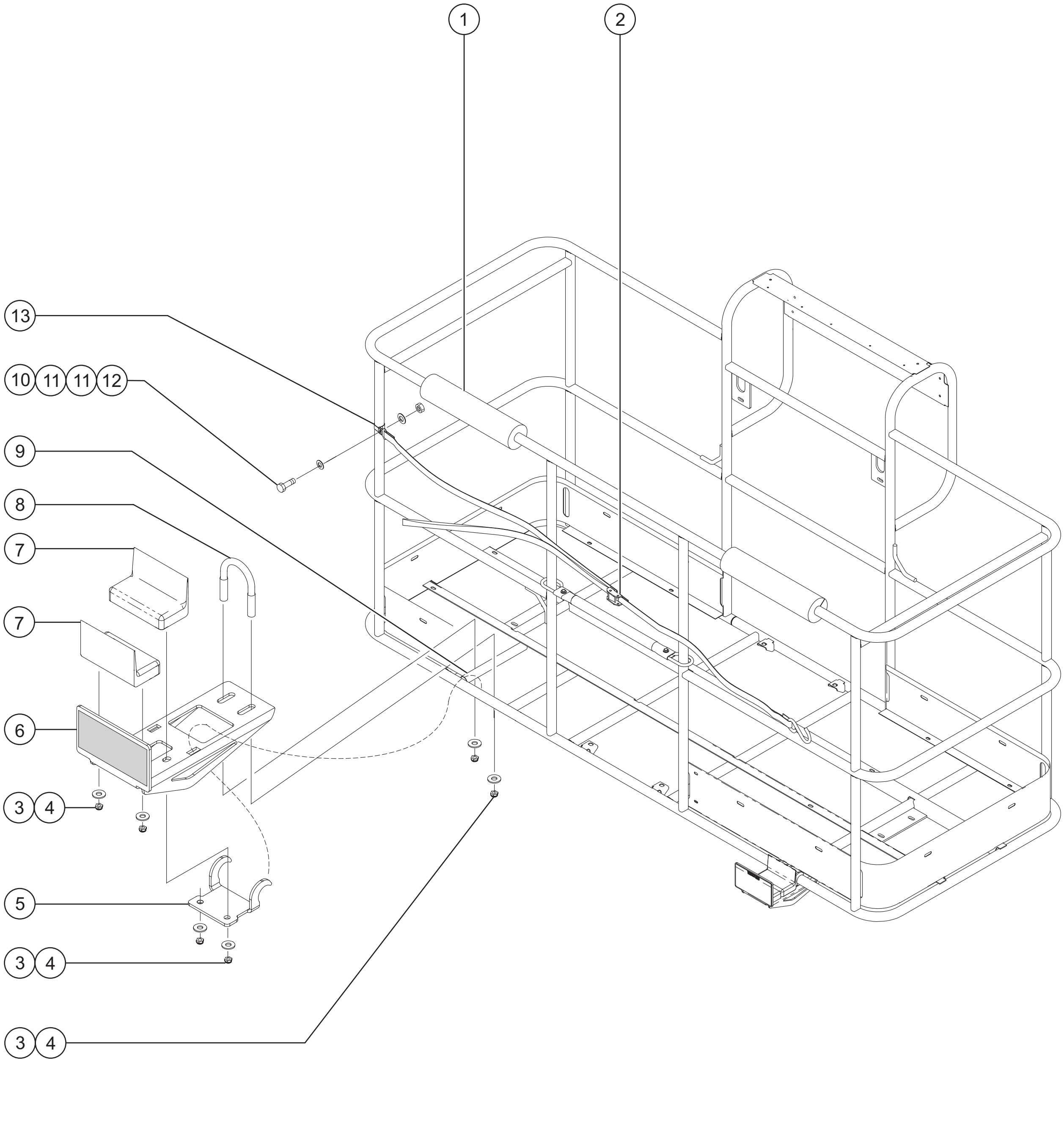
Figure	Rev	Description
810.1	C	Gauge Option



810.1
Gauge Option Rev C

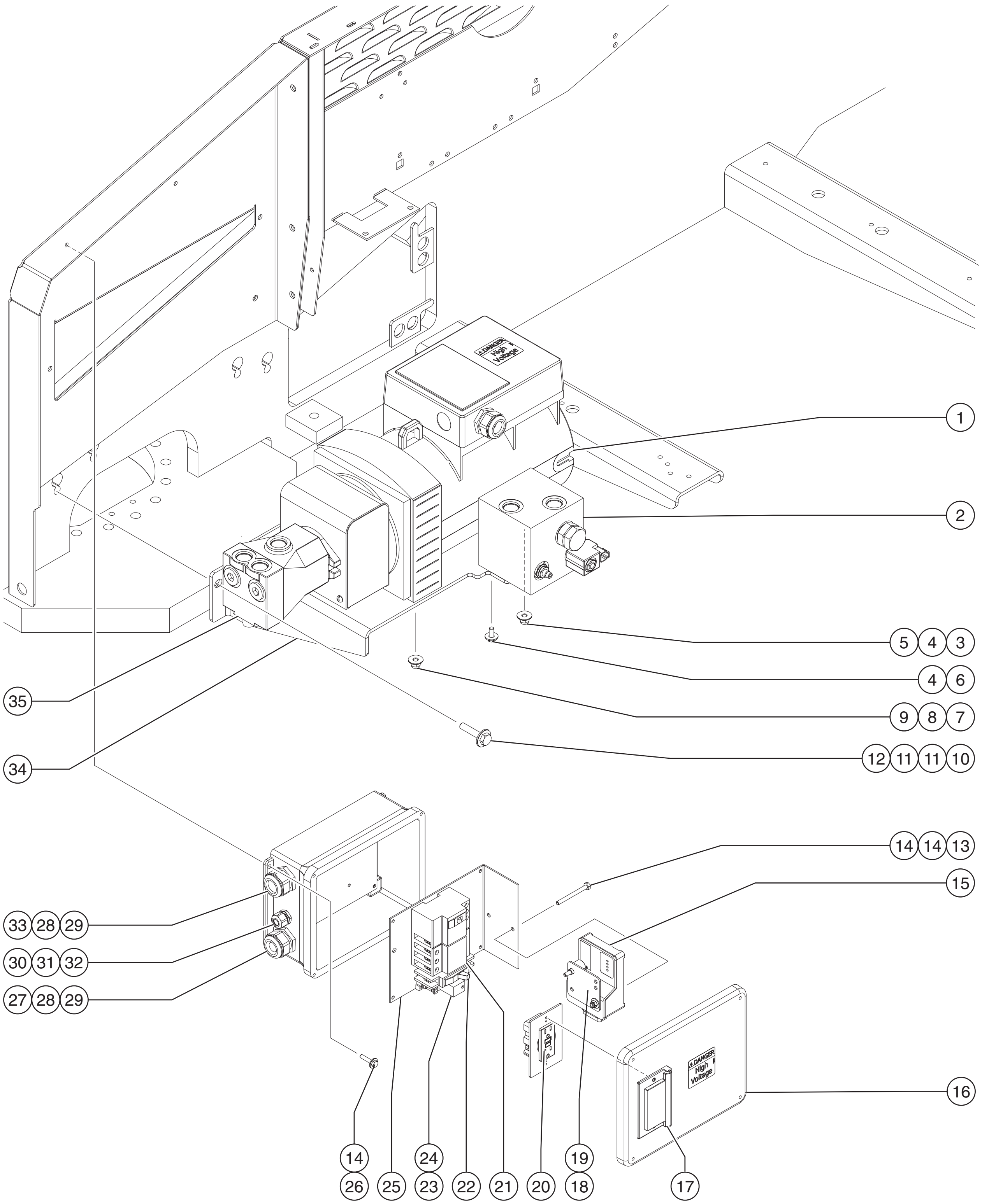
Item	Part No.	Description	Qty.
—	89404-S	Full Gauge Option - Ford (before serial number 7597)	
—	102326-S	Full Gauge Option - Ford (after serial number 7596)	
—	89405-S	Full Gauge Option - Deutz (before serial number 7544)	
—	102324-S	Full Gauge Option - Deutz (after serial number 7543)	
—	89406-S	Full Gauge Option - Perkins (before serial number 7472)	
—	102275-S	Full Gauge Option - Perkins (after serial number 7471)	
1	37033	Oil Pressure Sending Unit (Ford models) (before serial number 7597) (Deutz models) (before serial number 7544)	1
—	30810	Oil Pressure Sending Unit (Ford models) (after serial number 7596) (Deutz models) (after serial number 7543)	
2	75344	Oil Pressure Sending Unit (Perkins models) (before serial number 7472	1
—	102348	Oil Pressure Sending Unit (Perkins models) (after serial number 7471)	
—	53950	Adapter	
3	53761	Voltage Gauge (includes mounting bracket and fasteners)	1
4	53758	Oil Pressure Gauge (without sender) (includes mounting bracket and fasteners)	1
5	53759	Water Temperature Gauge (includes mounting bracket and fasteners) (Ford models)	1
—	53760	Oil Temperature Gauge (includes mounting bracket and fasteners) (Deutz models)	
6	34058	Water Temperature Sending Unit (Perkins models)	1
—	28607	Adapter	
7	65456	Water Temperature Sending Unit (Ford models)	1
—	33972	Sensor	
—	28607	Adapter	

Figure	Rev	Description
811.1	D	Panel Cradle



Item	Part No.	Description	Qty.
—	77683-S	Panel Cradle	
1	88377-1400	Foam Padding, 3.5 x 1.25 x 14 inches	2
2	77664	Strap Assembly	1
3	7713	Low Profile Nylock Nut, 3/8 -16	
4	5397	Flat Washer, 5/16 inch	
5	77576P	Hook Secondary Support Bracket	2
6	89724	Cradle Base Assembly with Decal	1
7	56934	Rubber Bumper	4
8	6550	U-bolt, 3/8 -16 x 1.5 x 2.5 x 1.25 inches	2
9	73463-1175	Aluminum Tube, 1.25 x 0.083 x 11.75 inches	2
10	8914	Screw - HHC, 1/4 -20 x 0.63 inch, GR 5	
11	6638	Flat Washer, 1/4 inch	
12	6889	Low Profile Nylock Nut, 1/4 -20	
13	56424	Rubber Cushioned Clamp, 1.25 x 0.5 inch	

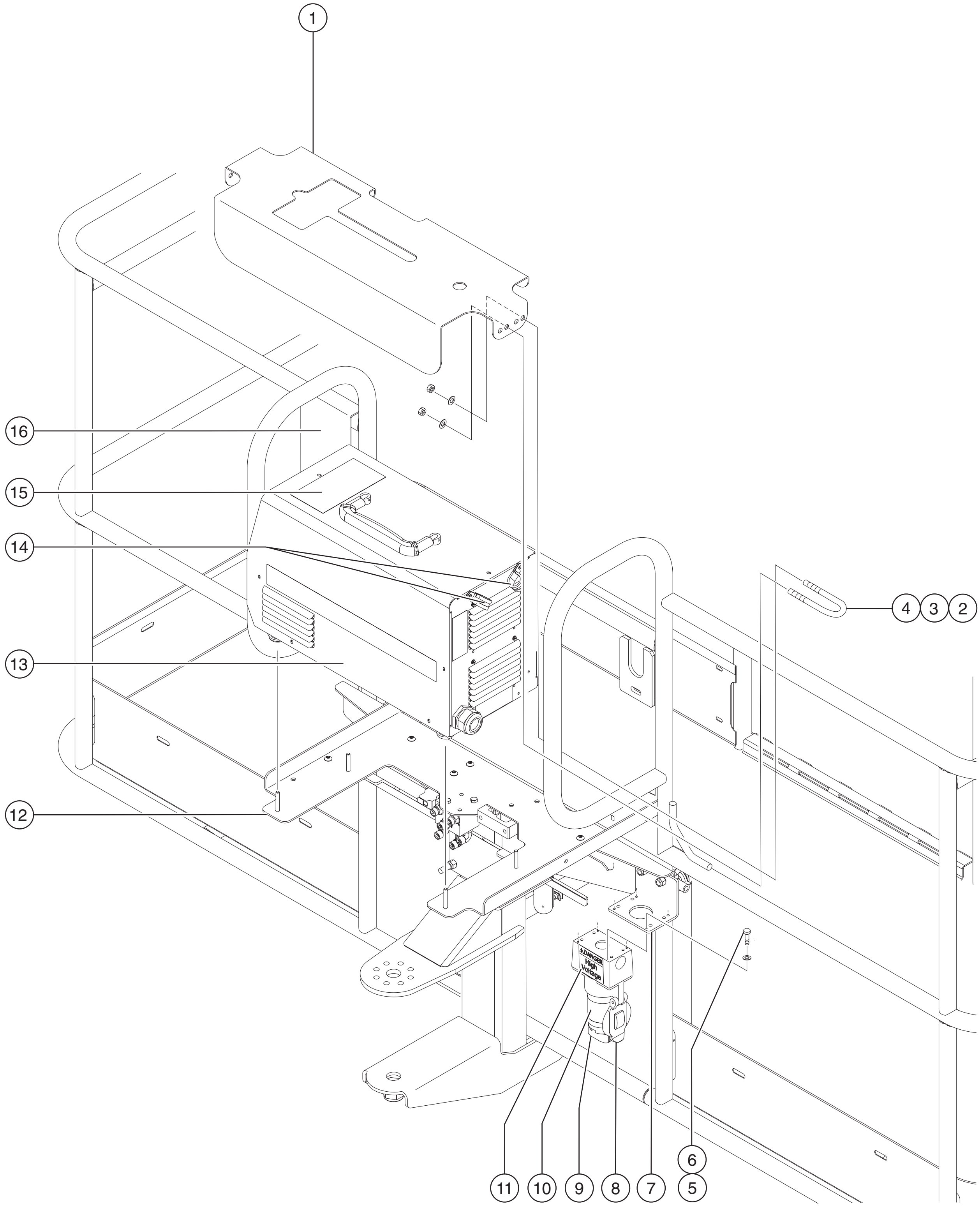
Figure	Rev	Description
812.1	B	Welder Option, Chassis Components - View 1



812.1
Welder Option, Chassis Components - View 1 Rev B

Item	Part No.	Description	Qty.
—	106115	Wire Cable, 8 ga. (S-40)	684 inches
—	106115	Wire Cable 8 ga. (S-45)	744 inches
—	89604-S	Oil Cooler Option (refer to 815.1) (before serial number 7995)	
—	102689	Oil Cooler Option (refer to 815.1) (after serial number 7994)	
—	106637	Time Delay Module	
—	82237	Decal - Danger, High Voltage	
—	Ref.	Harness, Lincoln Welder (refer to 311.1)	
1	106113	Hydraulic Generator Assembly (includes item 37)	1
—	106274	Generator, 12.5 kW	
—	110344	Brush Box Assembly, Generator	
2	Ref.	Oil Diverter Manifold (refer to 705.1)	
3	6782	Nylock Nut, 5/16 -18	
4	5397	Flat Washer, 5/16 inch	
5	13002	Screw - HHC, 5/16 -18 x 1 inch, GR 5	
6	10107	Screw - HHC, 5/16 -18 x 0.75 inch, GR 5	
7	4828	Nylock Nut, 3/8 -16	
8	6097	Flat Washer, 3/8 inch	
9	8516	Screw - HHC, 3/8 -16 x 1.5 inches, GR 5	
10	9145	Screw - HHC, 1/2 -13 x 2.5 inches, GR 5	
11	13066	Flat Washer, 1/2 inch	
12	6198	Nylock Nut, 1/2 -13	
13	36294	Screw - HHC, 1/4 -20 x 2.75 inches, GR 5	
14	6889	Nylock Nut, 1/4 -20	
15	106658	Welder Control Module, Low Amperage	1
16	102319	Enclosure Assembly (includes items 13-16, 18-26 and 29-35)	1
17	74006	Weatherproof Outlet Cover (includes mounting hardware)	1
18	106140	Potentiometer Bracket	1
19	101995	Potentiometer Resistor, 1k Ohm, 2W	1
20	80543	GFCI Outlet, 110V AC	1
21	106477	GFI/Circuit Breaker Assembly	1
22	106073	Circuit Breaker, 20A, Single Phase	1
23	33607	Relay, 12V DC, DPDT	1
24	33608	Relay Socket	1
25	102314	Enclosure Panel	1
26	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
27	106077	Squeeze Connector, 0.75 inch	1
28	18665	Electric Locknut, 1 inch NPT	2
29	106104	O-ring, 1 inch NPT	2
30	7056	Squeeze Connector, 0.5 inch	1
31	6935	Electric Locknut, 1/2 inch NPT	1
32	56237	O-ring, #12	1
33	20776	Squeeze Connector, 0.75 inch	1
34	102340	Generator Support Bracket	1
35	106184	Hydraulic Motor, 21cc	1

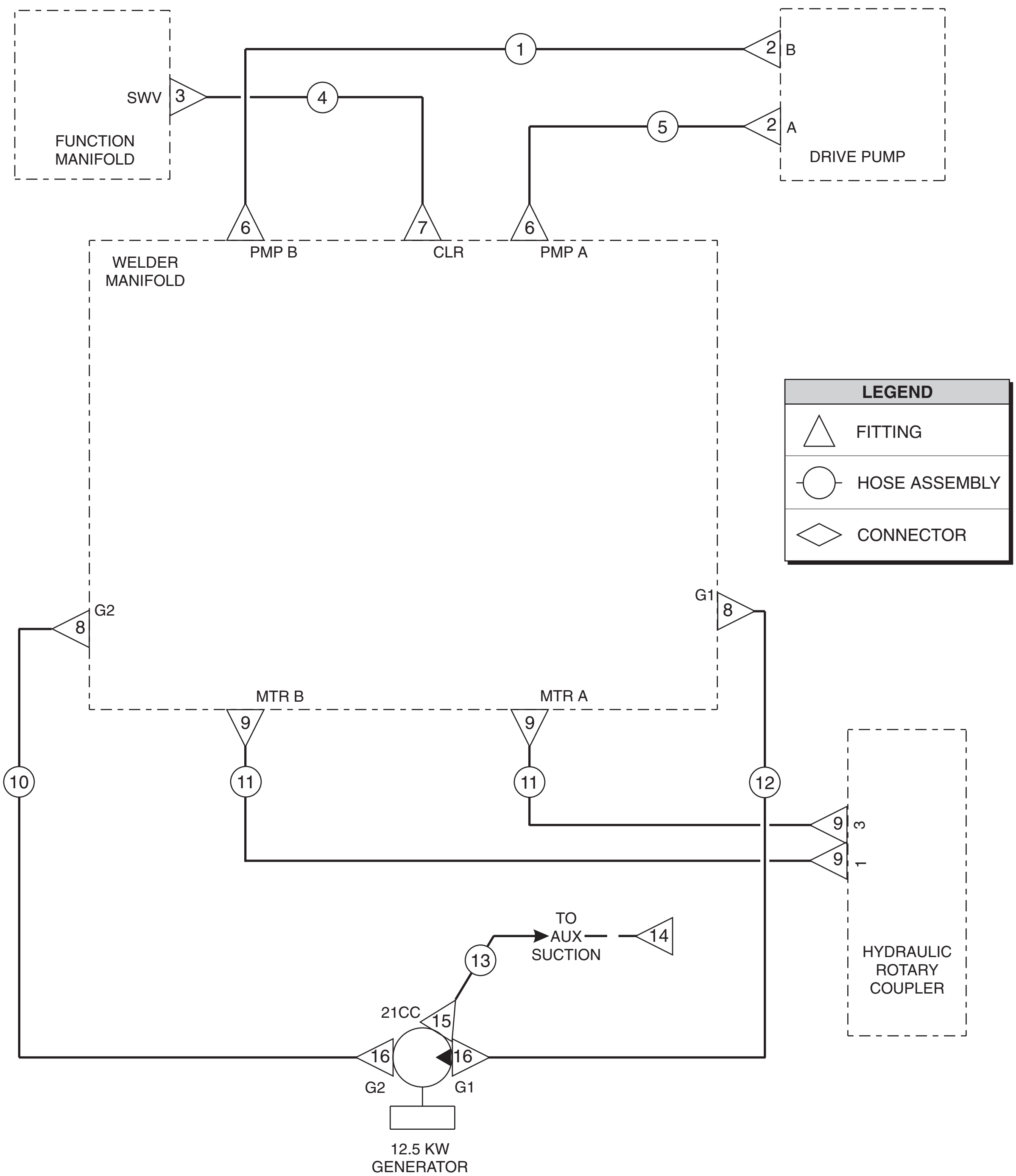
Figure	Rev	Description
813.1	D	Welder Option, Platform Components - View 2



813.1
Welder Option, Platform Components - View 2 Rev D

Item	Part No.	Description	Qty.
		Protective Sleeve, Fire Resistant	
—	110276-2200	1.25 x 22 inches (S-40)	1
—	110276-1600	1.25 x 16 inches (S-45)	2
—	110276-2300	1.25 x 23 inches (S-45)	1
—	110276-3200	1.25 x 32 inches (S-45)	1
—	110276-4700	1.25 x 47 inches (S-45)	1
—	110276-5000	1.25 x 50 inches (S-45)	1
—	28443	Cable Tie, 11.5 inch	
—	88406	Fire Extinguisher	
—	82862	Decal - Fire Extinguisher	
—	97579	Decal - Danger, Tip-over	
—	32728	Decal - Generator	
—	82264	Warning - Welder Safety/Instructions (before serial number 7189)	
—	82265	Label - Welder On/Off	
1	101547P	Support Bracket	1
2	5397	Flat Washer, 3/8 inch	
3	4828	Nylock Nut, 3/8 -16	
4	6550	U-bolt, 3/8 -16, 1.5 x 2.5 x 1.25	
5	47363	Screw - RHSM, 8-32 x 0.5 inch	
6	35461	Flat Washer, #8	
7	101731P	Receptacle Bracket	1
—	4828	Nylock Nut, 3/8 -16	
—	5397	Flat Washer, 3/8 inch	
—	6550	U-bolt, 3/8 -16 x 1.5 x 2.5 x 1.25 inches	
8	101732	Weatherproof Cover	1
9	106112	Plug, 4 Wire, 3-Phase, 50A	1
10	106110	T-Box, 3-Phase (includes item 11)	1
—	106111	Locking Receptacle, 3-Phase, 50A	
11	82237	Decal - Danger, High Voltage	2
12	102408P	Welder Mount	1
—	102409P	Welder Mount Support	
—	106044	U-bolt, 3/8 -16 x 4 inches	
—	4828	Nylock Nut, 3/8 -16	
—	5397	Flat Washer, 3/8 inch	
—	106043	Security Screw, 5/16 -18 x 1 inch	
—	6782	Nylock Nut, 5/16 -18	
13	101525	Welder, Invertec	1
—	106275	Welder Leads Assembly (includes both cables)	
—	106183	Fuse, 0.6A, 250V	
—	106141	Security Screw, 1/4 -20 x 1.75 inches (mounting fasteners)	
14	18666	Rubber Cushioned Clamp, 1 inch	2
15	110220	Decal - Warning, Welder Safety	1
16	106204P	Welder Leads Bracket	1

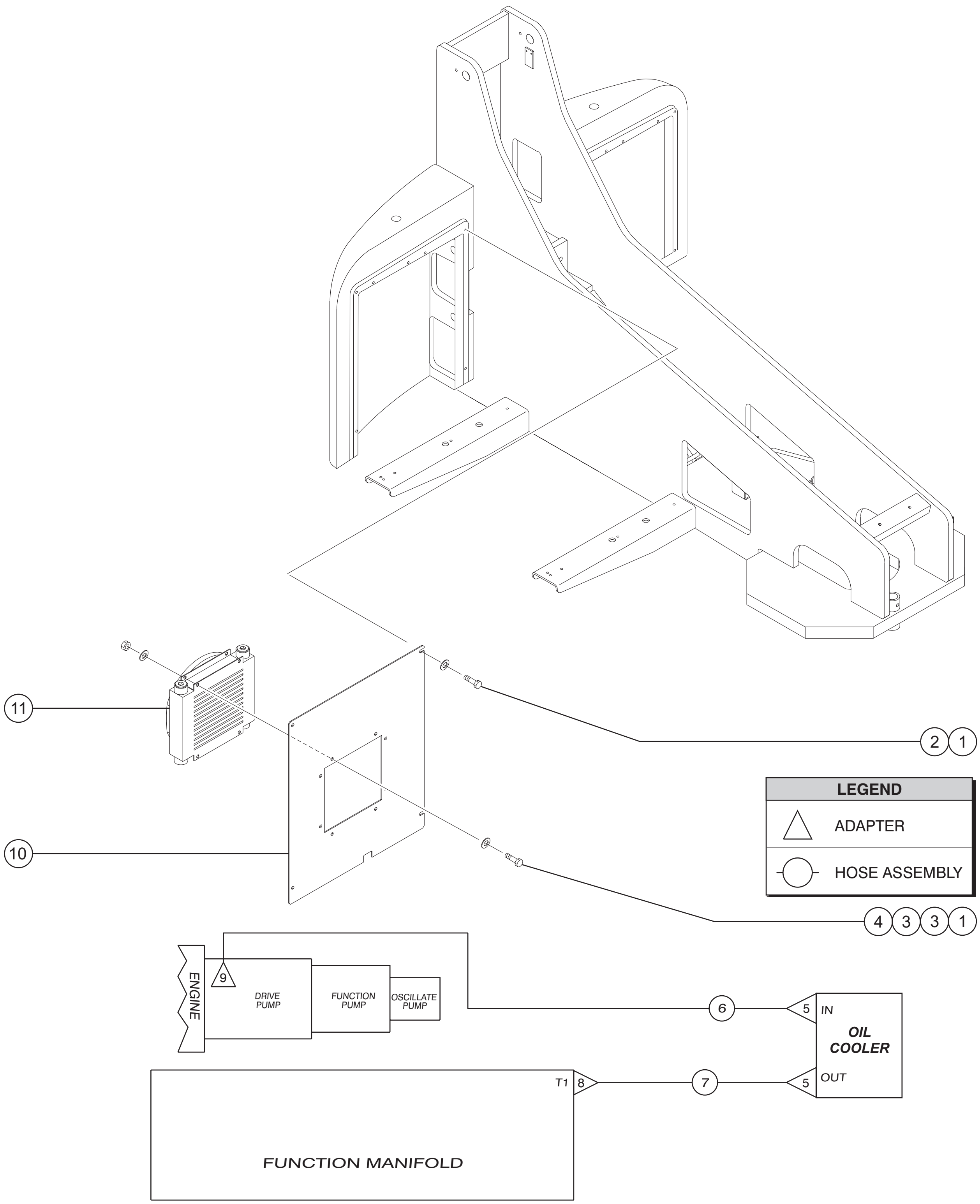
Figure	Rev	Description
814.1	B	Hoses and Fittings - Welder



Item	Part No.	Description	Qty.
1	102313-2726	Hose Assembly - Components: Genie part numbers 48841, 48845 and 94358 @ 24 inches	1
2	48977	Fitting	2
3	67371	Fitting	1
4	61070-3750	Hose Assembly - Components: Genie part numbers 48827, 48836 and 48756 @ 35 inches	1
5	102313-2926	Hose Assembly - Components: Genie part numbers 48841, 48845 and 94358 @ 26 inches	1
6	48959	Fitting	2
7	48933	Fitting	1
8	48963	Fitting	2
9	48960	Fitting	4
10	102312-2088	Hose Assembly - Components: Genie part numbers 48841, 102311 and 94358 @ 18 inches	1
11	94374-5030	Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 48 inches	2
12	102312-2388	Hose Assembly - Components: Genie part numbers 48841, 102311 and 94358 @ 21 inches	1
13	49143-7529	Hose Assembly - Components: Genie part numbers 48822, 48827 and 48756 @ 73 inches	1
14	48938	Fitting	1
15	48948	Fitting	1
16	48958	Fitting	2

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

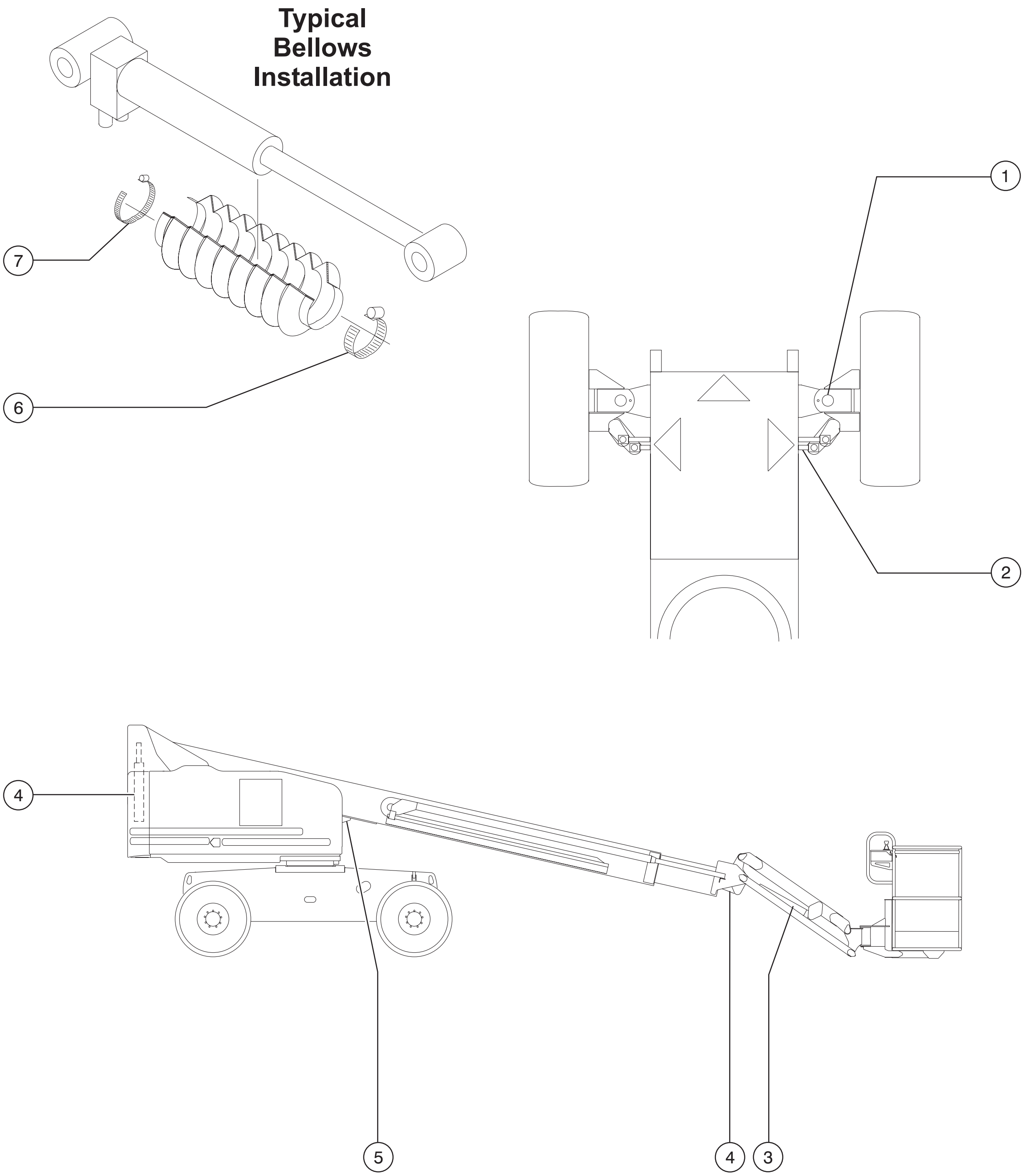
Figure	Rev	Description
815.1	B	Hydraulic Oil Cooler Option



Item	Part No.	Description	Qty.
—	89604-S	Oil Cooler Option (before serial number 7995)	
—	111351	Oil Cooler Option (after serial number 7994)	
1	6175	Screw - HHC 3/8 -16 x 1 inch, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	6097	Flat Washer, 3/8 inch	
4	4828	Nylock Nut 3/8 -16	
5	48963	Fitting (before serial number 7995)	2
—	48959	Fitting (after serial number 7994)	
6	49152-6369	Hose Assembly - Components: Genie part numbers 48841, 48842 and 48761 @ 61 inches (before serial number 7995)	1
—	49152-4869	Hose Assembly - Components: Genie part numbers 48841, 48842 and 48761 @ 46 inches (after serial number 7994)	
7	49151-7748	Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 75 inches (before serial number 7995)	1
—	49151-9248	Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 90 inches (after serial number 7994)	
8	48959	Fitting	1
9	48960	Fitting	1
10	89533	Mounting Plate, Oil Cooler	1
11	71259	Oil Cooler with Fan, 12V DC	1
—	75854	Fan - Hydraulic Oil Cooler	
—	75855	Thermostat	

The length listed in the component description is the length of the hose only.
Refer to 713.1 to cross-reference Genie part numbers to Parker part numbers.

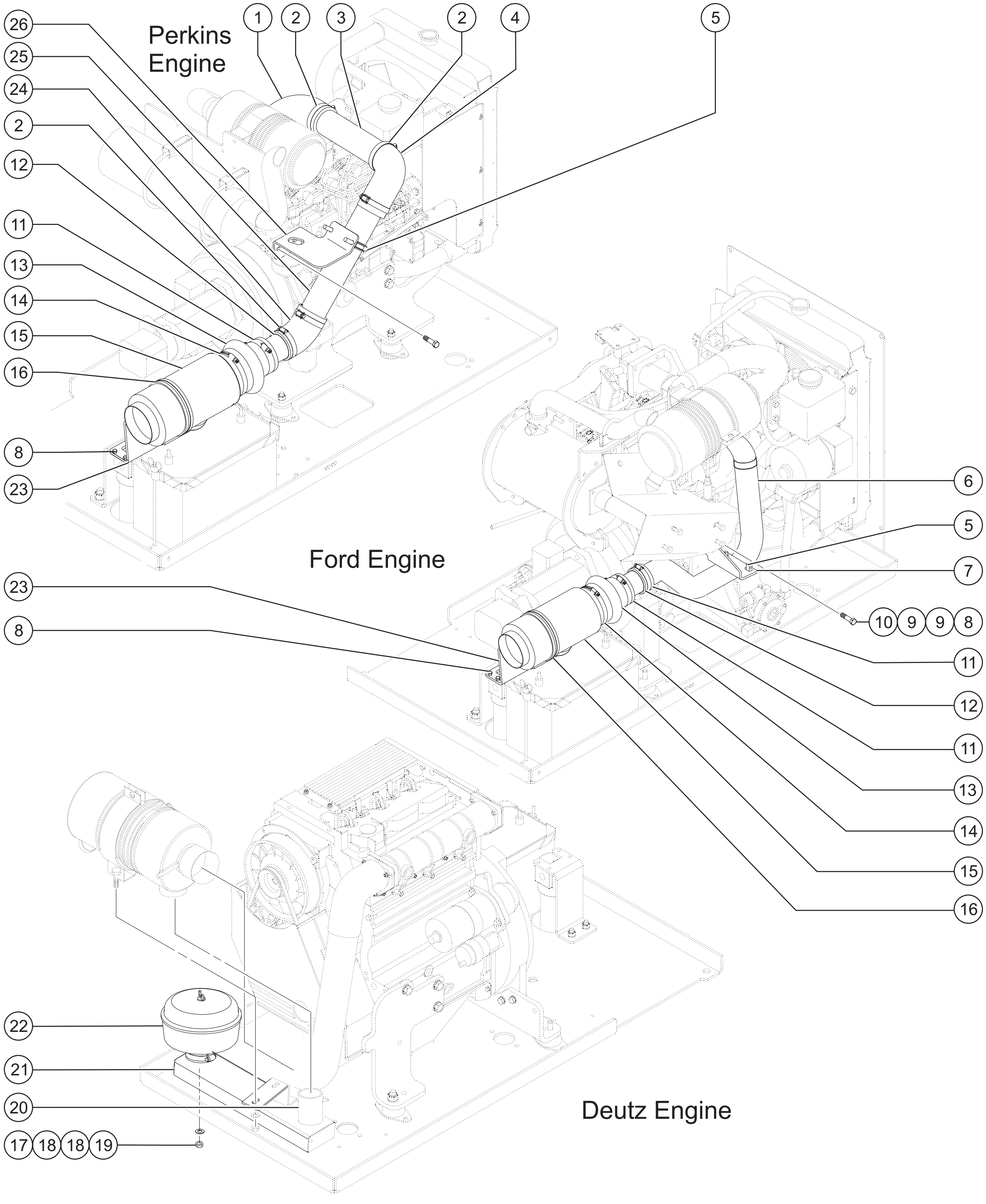
Figure	Rev	Description
816.1	B	Hostile Environment Package - View 1



816.1
Hostile Environment Package - View 1 Rev B

Item	Part No.	Description	Qty.
—	111347	Standard Hostile Environmental Package (S-40)	
—	111348	Deluxe Hostile Environmental Package (S-40)	
—	111349	Standard Hostile Environmental Package (S-45)	
—	111350	Deluxe Hostile Environmental Package (S-45)	
—	34956	Protective Cover, Oscillate (includes item 2)	
1	73842	Steer Cylinder Protective Bellow	2
2	30580	Oscillate Protective Bellow (includes items 7 and 8)	2
3	34505	Jib Cylinder Protective Bellow (S-45) (includes items 7 and 8)	1
4	30577	Master/Slave Cylinder Protective Bellow (S-40) (includes items 7 and 8)	1
—	34503	Master/Slave Cylinder Protective Bellow (S-45) (includes items 7 and 8)	
5	34506	Boom Lift Cylinder Protective Bellow (includes items 7 and 8)	1
6	36208	Hose Clamp, 1.25 inches (used on oscillate and master/slave cylinder)	1
—	45435	Hose Clamp, 2.25 inches (used on lift cylinder)	
—	19273	Hose Clamp, 0.75 inches (used on steer cylinder)	
7	30971	Hose Clamp, 3 inches (used on oscillate and master/slave cylinder)	1
—	45435	Hose Clamp, 2.5 inches (used on steer cylinder)	
—	34955	Hose Clamp, 5 inches (used on lift cylinder)	

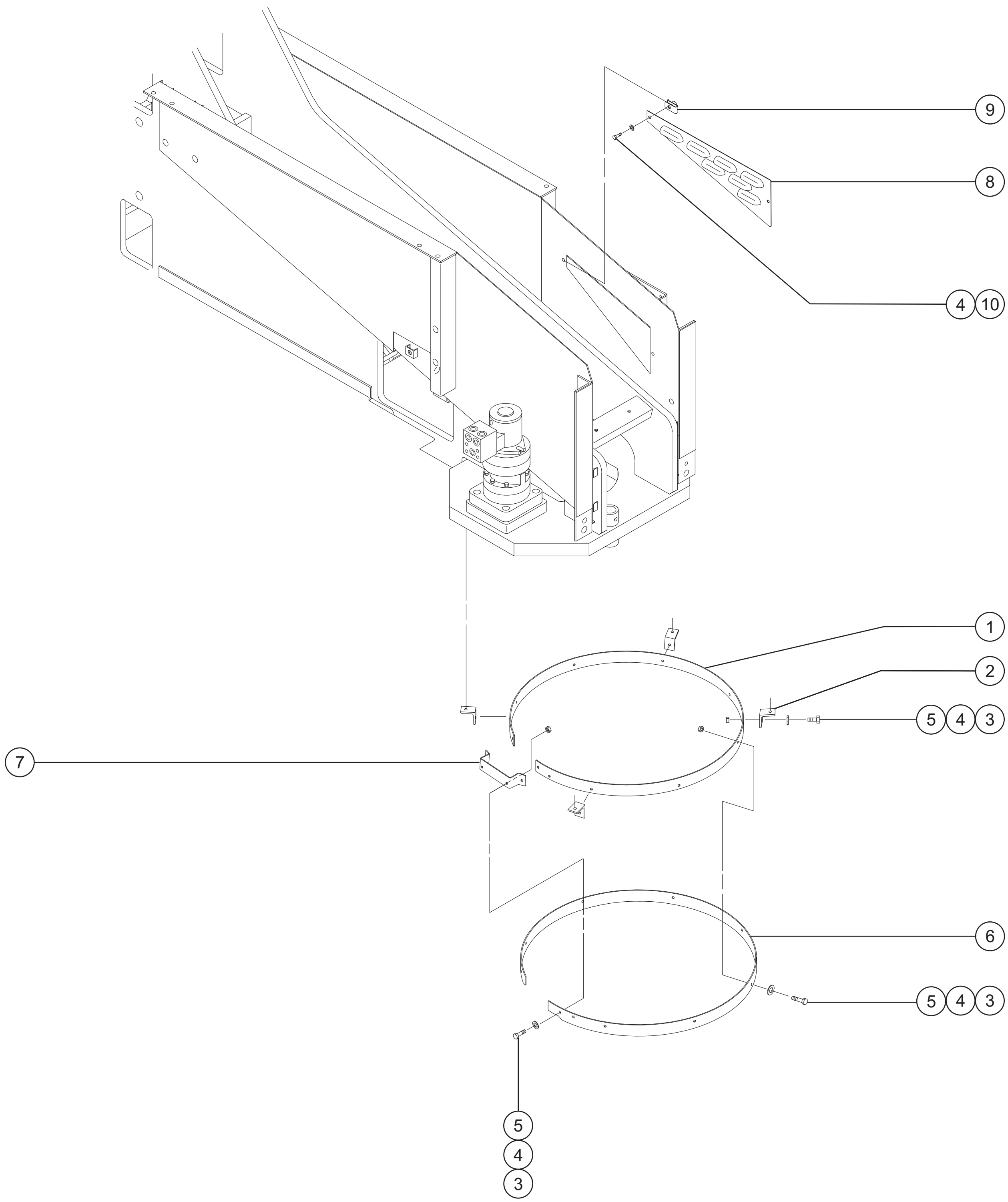
Figure	Rev	Description
817.1	B	Hostile Environment Package - View 2



817.1
Hostile Environment Package - View 2 Rev B

Item	Part No.	Description	Qty.
—	53949	Perkins Engine Air Precleaner (before serial number 7472)	
—	102007	Perkins Engine Air Precleaner (after serial number 7471)	
—	102375	Ford Engine Air Precleaner (after serial number 7596)	
—	34957	Deutz Engine Air Precleaner (before serial number 7544)	
—	89991	Deutz Engine Air Precleaner (after serial number 7543)	
—	102003P	Baffle Plate (Perkins and Ford models)	
—	102003P	Baffle Plate (Ford models)	
—	89989P	Baffle Plate (Deutz models)	
1	34163	Rubber Elbow, 90°	1
2	45435	Hose Clamp, 2.5 inches	
3	94324-950	Aluminized Tube, 2.5 inches	1
4	50941	Air Intake Hose, 90°	1
5	71911	Muffler Clamp, 2.5 inches	
6	102372	Air Intake Tube	1
7	102373P	Air Intake Tube Mount	1
8	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
9	6638	Flat Washer, 1/4 inch	
10	6091	Nylock Nut, 1/4 -20	
11	30971	Hose Clamp, 3 inches	
12	101640	Rubber Reducer, 3 inches to 2.5 inches	1
13	88492	Hose Hump, 3 inches to 4 inches	1
14	34955	Hose Clamp, 5 inches	
15	88493	Air Intake Precleaner	1
16	101639	Rubber Cushioned Clamp, 5.38 x 0.375 inch	
17	4828	Nylock Nut, 3/8 -16	
18	6097	Flat Washer, 3/8 inch	
19	6175	Screw - HHC, 3/8 -16 x 1 inch, GR 5	
20	34162-350	Air Intake Hose, 2.5 inches	1
21	89985P	Air Intake Tube	1
22	34959	Air Intake Precleaner	1
23	102374P	Air Intake Mount	1
24	33361	Rubber Elbow, 45°	1
25	94342-1400	Aluminized Tube, 2.5 inches	1
26	102005P	Air Intake Hose Mount	1

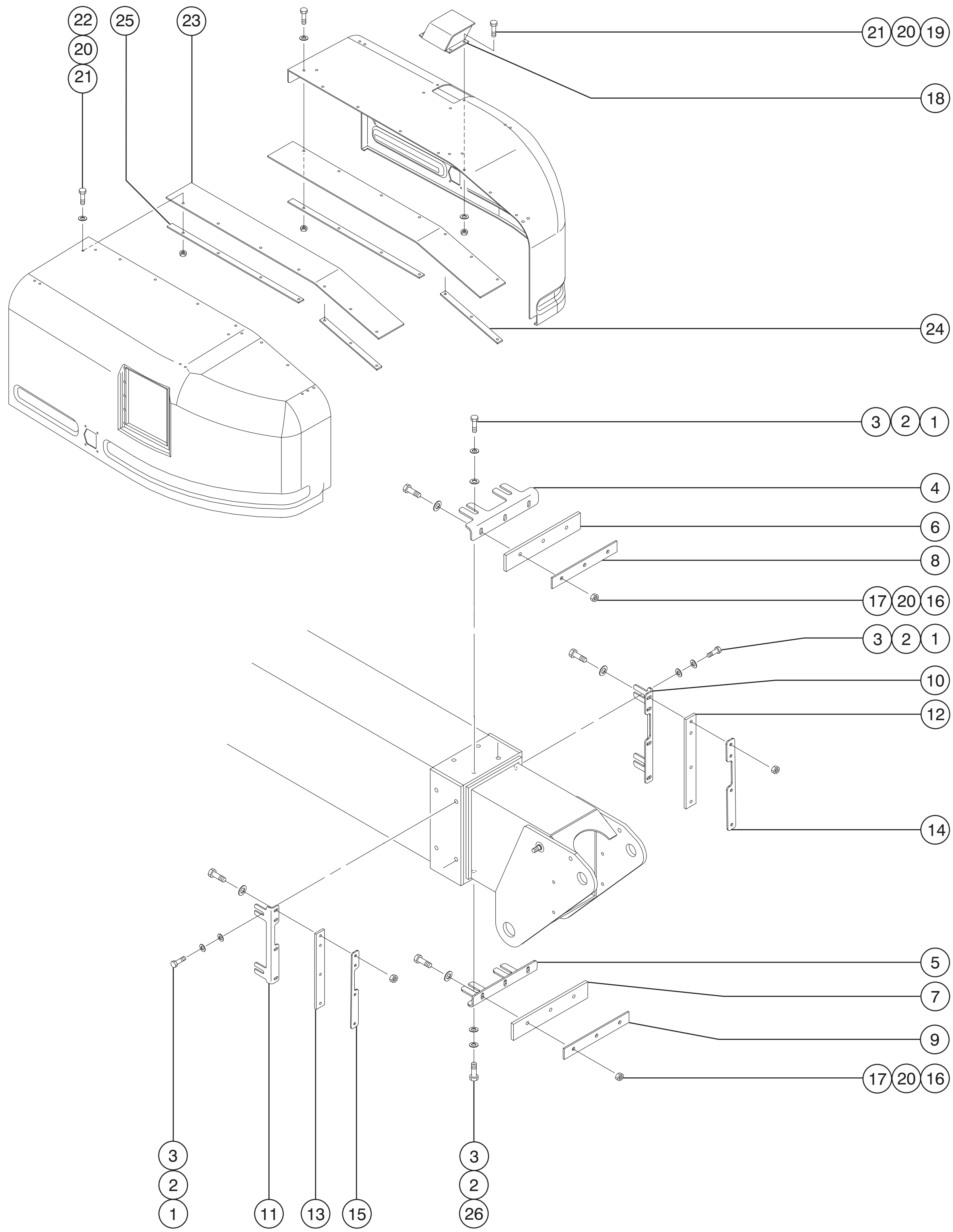
Figure	Rev	Description
818.1	D	Hostile Environment Package - View 3



818.1
Hostile Environment Package - View 3 Rev D

Item	Part No.	Description	Qty.
1	34949	Ring Gear Bracket	1
2	81062	Ring Guard Angle	4
3	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
4	6638	Flat Washer, 1/4 inch	
5	6889	Nylock Nut, 1/4 -20	
6	34952	Ring Gear Wiper	1
7	34855	Ring Guard Bracket	1
8	89647	Louver Panel, Engine Side, Rear	1
—	89646P	Louver Panel, Engine Side, Front, (Ford models)	
—	89992P	Louver Panel, Engine Side, Front, (Deutz models)	
—	102747P	Louver Panel, Engine Side, Front, (Perkins models)	
—	102784P	Louver Panel, Engine Side, Rear, (Perkins models)	
—	89645	Louver Panel, Tank Side, Rear	
—	89644	Louver Panel, Tank Side, Front	
9	56912	Spring Clip Nut, 1/4 -20	
10	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	

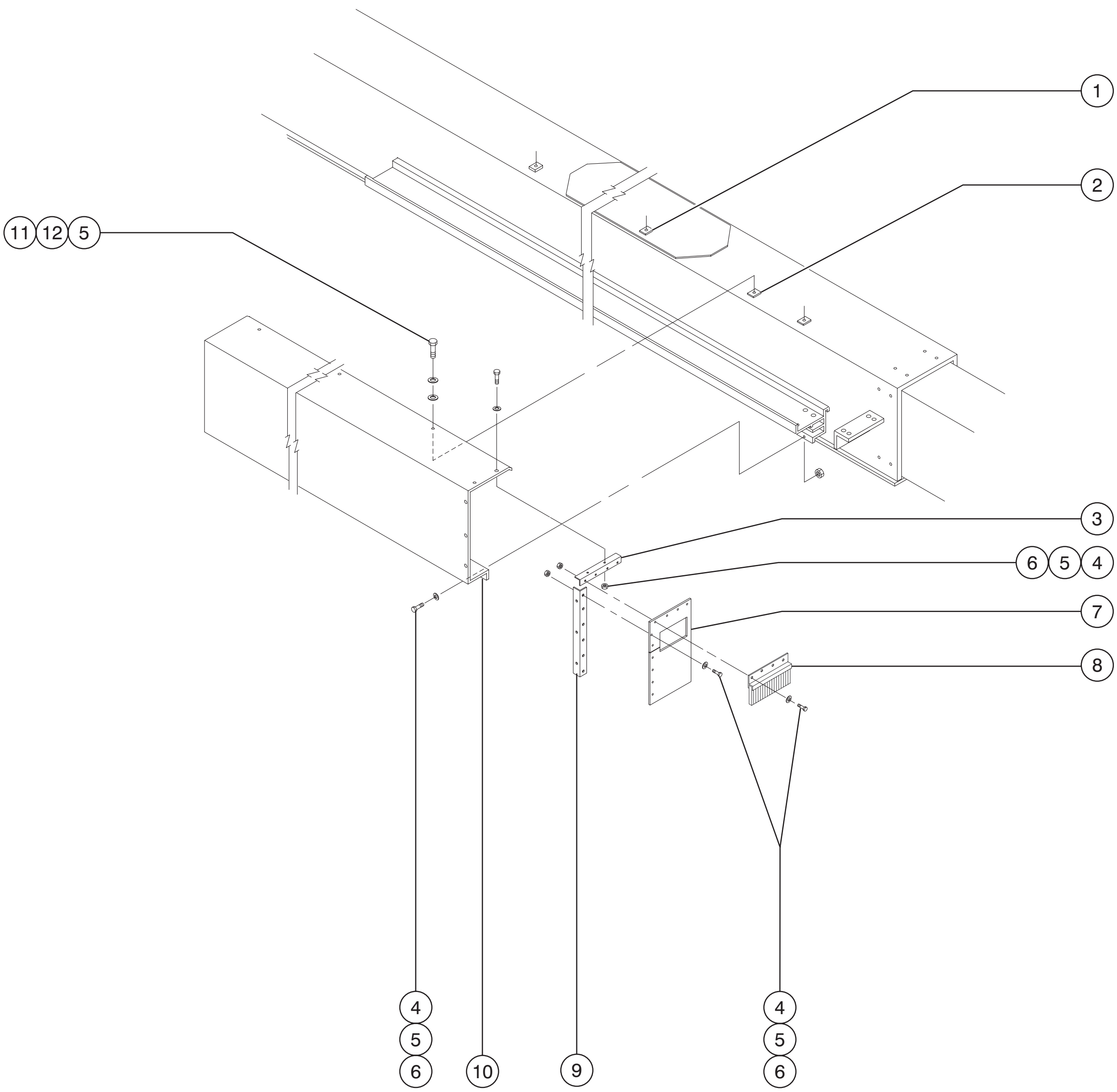
Figure	Rev	Description
819.1	B	Hostile Environment Package - View 4



819.1
Hostile Environment Package - View 4 Rev B

Item	Part No.	Description	Qty.
1	6019	Screw - HHC, 3/8 -16 x 1.25 inches, GR 5	
2	6021	Lock Washer, 3/8 inch	
3	5397	Flat Washer, 5/16 inch	
4	63145P	Wiper Bracket, Top (S-40)	1
—	63135P	Wiper Bracket, Top (S-45)	
5	63145P	Wiper Bracket, Bottom (S-40)	1
—	63177P	Wiper Bracket, Bottom (S-45)	
6	63146	Wiper, Top (S-40)	1
—	63174	Wiper, Top (S-45)	
7	63146	Wiper, Bottom (S-40)	1
—	63136	Wiper, Bottom (S-45)	
8	63163P	Backing Plate, Top (S-40)	1
—	63168P	Backing Plate, Top (S-45)	
9	63163P	Backing Plate, Bottom (S-40)	1
—	63175P	Backing Plate, Bottom (S-45)	
10	81905P	Wiper Bracket, Engine Side (S-40)	1
—	63137P	Wiper Bracket, Engine Side (S-45)	
11	81904P	Wiper Bracket, Tank Side (S-40)	1
—	63176P	Wiper Bracket, Tank Side (S-45)	
12	63142	Wiper, Engine Side (S-40)	1
—	63138	Wiper, Engine Side (S-45)	
13	63142	Wiper, Tank Side (S-40)	1
—	63138	Wiper, Tank Side (S-45)	
14	63164P	Backing Plate, Engine Side (S-40)	1
—	63167P	Backing Plate, Engine Side (S-45)	
15	63164P	Backing Plate, Tank Side (S-40)	1
—	63167P	Backing Plate, Tank Side (S-45)	
16	6889	Nylock Nut, 1/4 -20	
17	6878	Carriage Bolt, 1/4 -20 x 0.75 inch	
18	73060P	Exhaust Cover, Top	1
—	73058P	Exhaust Cover, Front Side	
—	73059P	Exhaust Cover, Rear Side	
19	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
20	6638	Flat Washer, 1/4 inch	
21	6091	Nylock Nut, 1/2 -20	
22	6888	Screw - HHC, 1/4 -20 x 1 inch, GR 5	
23	34381	Flap - Swing Chassis Cover, Rubber	2
24	34389P	Flap Reinforcing Bar, 23 Inches	2
25	34388P	Flap Reinforcing Bar, 37.5 Inches	2

Figure	Rev	Description
820.1	B	Hostile Environment Package - View 5



820.1
Hostile Environment Package - View 5 Rev B

Item	Part No.	Description	Qty.
1	49626	Cable Track Bolt Pad	2
2	49625	Cable Track Bolt Pad	3
3	53460	Cable Track Gasket Bracket	1
4	6889	Nylock Nut, 1/4 -20	
5	6638	Flat Washer, 1/4 inch	
6	6090	Screw - HHC, 1/4 -20 x 0.75 inch, GR 5	
7	53459	Cable Track Gasket (S-40)	1
—	53626	Cable Track Gasket (S-45)	
8	53458	Cable Track Cover Brush (S-40)	1
—	53629	Cable Track Cover Brush (S-45)	
9	53143	Cable Track Gasket Bracket	1
10	53457	Cable Track Cover (S-40)	1
—	53623	Cable Track Cover (S-45)	
11	8914	Screw - HHC, 1/4 -20 x 0.625 inch, GR 5	
12	6356	Lock Washer, 1/4 inch	

California Proposition 65

WARNING

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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Parts Manual S-40 & S-45

(from serial number 7001)

**Part No.
89721**

Rev D